

**ALSEP
EEE
COMPOSITE PARTS LIST**

**ATM-1033
REV A**

AUG 18, 1972

ARRAY "E"

**PREPARED BY
PARTS AND MATERIAL GROUP
ALSEP RELIABILITY DEPARTMENT
BENDIX AEROSPACE SYSTEMS DIVISION
ANN ARBOR, MICHIGAN**

**PREPARED FOR NASA-MSC
CONTRACT NAS9-5829**



**Aerospace
Systems Division**

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This ATM is prepared in compliance with BSR 3024 "ALSEP RA-08 RELIABILITY PROGRAM PLAN FOR ALSEP FLIGHT ARRAY E" paragraph 6.5.

This list of electrical, electronic, and electromechanical (EEE) parts is derived from summary data used by Bendix and Bendix subcontractors in the design and fabrication of flight equipment. While the format varies according to the type of documents used as source material, the essential data to identify the generic type, style, and procurement documents are included.

BSR 3024 paragraph 6.5 stipulates that the composite EEE Parts List include the following identification:

Part number

Part name

Manufacturer

Manufacturer's part number

Specification number

Name or reference to equipment usage and quantity used.

REVISION NOTE:

Rev: A - Updated information to reflect current EEE Parts used in flight equipment.

Prepared by J. S. Patel
J. S. Patel
Parts and Materials Group

Reviewed by R. Roukas
R. Roukas
ALSEP Reliability

Approved by S. J. Ellison
S. Ellison, Manager
ALSEP Reliability



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TABLE I-A
TOTAL PARTS SUMMARY

TOTAL PARTS	Bendix (Table II)	Sub Contractor (Table III)	Total ALSEP Use
CAPACITORS	1234	861	2095
RESISTORS	3261	1515	4766
DIODE			
DIODES	593	359	852
TRANSISTORS	319	371	690
CONNECTORS	146	26	172
RELAYS	104	8	112
TRANSFORMERS			
IND. & CHOKES	172	95	267
MICROCKT	1179	566	1745
MISCELLANEOUS	<u>114</u>	<u>97</u>	<u>211</u>
TOTAL	7122	3898	11,020

TABLE I-B

COMPOSITE PARTS LIST

(PART TYPE ORDER)

PART NO	PART NAME	MIL SPEC	VENDOR	VENDOR P/N	BR	C/D	PDU	D/P	PCU	LEAM	LSP	LMS	LSG	GEO	TZ	UTD	TEL	MOI	TYR	PART TYPE
CKP	CAPACITOR	C-39014	AEROVOX																	
CL225	CAPACITOR	C-39006	G.E.		X			X										X	1	CAPACITORS
CM202	CAPACITOR	C-39001	FLMenco		X														1	
ECY10	CAP	MSFC400A	CORNING									X							1	
ECY10	CAPACITOR	MSFC400A	CORNING															X	1	
ECY10--	CAPACITORS	MSFC400A	CORNING		X			X		X			X						1	
JMC522X	CAP VAR	ST10251	JOHANSON													X			1	
M39003/XX-	CAPACITORS	C-39003	OPL-KEPET															X	1	
M39014/XX-	CAPACITORS	C-39014	OPL																1	
151-360-XX	CAPACITOR		CENTRALAB	DD30-XX												X			1	
16X272A8	CAPACITOR	C-39006	G.E.													X			1	
2005200-Y	CAPACITOR		JFD											X					1	
2005201-1	CAPACITOR		USCC	259													X		1	
2005388	CAP-Var		JOHANSON														X		1	
21-P112588	CAPACITOR		ELMenco	WQM20M10													X		1	
2343341-18	CAPACITOR		ATC	1008-471	X													X	1	
2346208-1	CAPACITOR		FLMenco	WQM20M	X						X								1	
2346230-XX	CAPACITOR		AEROVOX	CKK05	X		X				X		X						1	
2346231-XX	CAPACITOR		AEROVOX	CKR06	X	X					X		X						1	
2346233-XX	CAPACITOR		AEROVOX	CKR11	X	X		X			X		X						1	
2346234-XX	CAPACITOR		AEROVOX	CKR12	X			X			X		X						1	
2346235-XX	CAPACITOR		AEROVOX	CKR14	X			X			X		X						1	
2346236-3	CAPACITOR		AEROVOX	CKR15	X							X							1	
2346240-XX	CAPACITOR		SPRAGUE	CSR13	X	X					X		X						1	
2346241-20	CAPACITOR		KEMET	CSR13	X						X		X						1	
2346246-XX	CAPACITOR		SPRAGUE	337D	X							X							1	
2346247-XX	CAPACITOR		MARSHALL INC.	HL5-XX	X				X										1	
2346283-XX	CAPACITOR		JOHANSON	JMC52XX	X								X						1	
2346286-XX	CAPACITOR		AEROVOX	MC605	X														1	
90-306A1-91	CAPACITOR	C-39003	OPL		X														1	
CM9-250-F-1	RESISTOR		BURNS	37005-464										X					2	RESISTORS
PMF	RESISTOR													X					2	
RCR05	RESISTOR	R-39008	AB																2	
RCR05	RESISTOR	R-39008	ALLEN BRAD		X	X		X			X	X	X				X		2	
RCR35G	RESISTOR	R-39008	AB																2	
RCR05G-JS	RESISTOR	R-39008/4A	ALLEN-BRADL															X	2	
RCR07	RESISTOR	R-39008	AB																2	
RCR07	RESISTOR	R-39008	ALLEN BRAD		X	X		X							X			X	2	
RCR07G-JS	RESISTOR	R-39008/1	ALLEN-BRADL								X	X	X						2	
RCR20	RESISTOR	R-39008	ALLEN BRAD		X										X				2	
RCR20G-JS	RESISTOR	R-39008/2H	ALLEN-BRADL								X								2	
RCR32	RESISTOR	R-39008	ALLEN BRAD		X										X				2	
RCR22G-JS	RESISTOR	R-39008/3A	ALLEN-BRADL								X		X						2	
REP65	RESISTOR	R-39009	DALE												X				2	
RLR05	RESISTOR	R-39017	CORNING		X	X								X					2	
RLR07	RESISTOR	R-39017	CORNING		X	X		X					X						2	
RLR20	RESISTOR	R-39017	CORNING		X	X					X		X						2	
RNC55H-FR	RESISTOR	R-55182	MEPCO, DALE										X						2	
RNC60H-FR	RESISTOR	R-55182	MEPCO, DALE												X				2	

PART NO.	PART NAME	MIL SPEC	VENDOR	VENDOR P/N	C/S	C/D	PDU	D/P	PCU	LEM	LSP	LMS	LSG	GEO	TZ	UTD	TEL	MOT	TYP
RNC65H-FR	RESISTOR	R-55182	MEPCO, DALE												X				2
RNR50HXX	RESISTOR	R-55182	OPL											X					2
RNR55	RESISTOR	R-55182	MEPCO														X		2
RNR55	RESISTOR	R-55182	*		X	X	X	X	X		X	X	X						2
RNR55C	RESISTOR	R-55182	MEPCO								X	X	X			X			2
RNR57	RESISTOR	R-55182	MEPCO		X						X		X						2
RNR65	RESISTOR	R-55182	MEPCO		X						X		X						2
RNR71	RESISTOR	R-39007	DALE		X						X	X	X						2
RWR90	RESISTOR	R-39007	DALE		X						X								2
RWR90-FR	RESISTOR	R-39007/8	DALE				X		X						X				2
RWR81	RESISTOR	R-39007	DALE		X				X			X							2
RWR81	RESISTOR	R-39007	DALE														X		2
RWR81-FR	RESISTOR	R-39007/9	DALE												X				2
151-351-01-X	RESISTOR		PYROFILM	PMR60, 75												X			2
2340353-XX	RESISTOR		IRC	CEA	X								X			X			2
2340367-XX	RESISTOR		CADDOCK	MH681-XX	X							X							2
2340386-XX	RESISTOR	95M03773	SAGE	250SL-XX	X		X												2
2346287-5	RESISTOR		IRC	CEC	X							X							2
2346289-XX	RESISTOR		VISHAY	S102	X								X						2
2346290-1	RESISTOR		VISHAY	310737	X								X						2
C1R65XX	CAPACITOR	C-39006	SPRAGUE															X	
C5R13XX	CAPACITOR	C-39003	DICKSON															X	
JAN-TX-1N49	DIODE	TZ1012P601	CPL-19500												X				3
SM14914	DIODE	50M60197	TI, GE												X				3
SM14914	DIODE		T.I.													X			3
SM14914	DIODE													X					3
SM14914	DIODE	50M60197	GF/TI		X			X			X	X							3
SM14963B	DIODE		COMPONENTS													X			3
SM4419C	TRANSISTOR	50M60205	TI		X						X								3
SM4449	DIODE	45FC	T.I.								X						X		3
SM4942	DIODE	95M03895	SEM. TFCH.		X						X	X	X				X		3
SM4942	DIODE	45FC	SEMTECH.								X	X	X				X		3
SM4947	DIODE	95M03896	SEMTECH.												X				3
SM4947	DIODE	95M03896	SEM. TECH.		X				X		X								3
SM4945	DIODE	95M01645	GEN. INST		X		X		X										3
SM4946A TO	DIODE	95M01308	DICKSON, MOT													X			3
SM4950A	DIODE	95M01308	DICKSON		X	X													3
SM4951A	DIODE	95M01308	DICKSON		X	X			X		X								3
SM4951A	DIODE	45FC	QPL																3
SM4953A	DIODE	45FC	QPL															X	3
SM4954A	DIODE	95M01308	DICKSON		X			X					X					X	3
SM4955A	DIODE	95M01308	DICKSON		X								X						3
SM4957A	DIODE	95M01308	DICKSON		X			X	X										3
SM4958A	DIODE	45FC	DICKSON																3
SM4977A	DIODE		COMPONENTS														X		3
SM4977A	DIODE	45FC	DICKSON	1N827A															3
SM4976B	DIODE	95M01305	FAIRCHILD		X						X		X				X		3
SM4963B	DIODE	95M01309	DICKSON		X								X						3
SM4965B	DIODE		COMPONENTS										X						3
TX143064	DIODE	S-19500	OPL													X		X	3
TZ 3551-1	DIODE	TZ1012J551	TRW												X				3
1N4568A	DIODE	TZ1012J601	DICKSON																3
151-358	DIODE		CDC	1N4099													X		3
151-359	DIODE		SEMICON	5030G													X		3
151-364	DIODE		UNITRODE	1N4942													X		3

PART NO	PART NAME	MIL SPEC	VENDOR	VENDOR P/N	C/S	C/D	PDU	O/P	PCU	LEM	LSP	LMS	LSG	GEO	TZ	UTD	TEL	MOT	TYP
2035285	DIODE		H.P.																
21P11257B	CAPACITOR		AEROVOX	HRMC/HRSC													X	X	3
21P16065A	CAPACITOR		ERIE	2953-000														X	2
234033A-XX	DIODE		DICKSON	1N4568A	X			X										X	2
2340355-XX	DIODE		DICKSON	1N4370A-71A	X			X					X						3
2340363-1	DIODE		DICKSON	1N4568A-SEL	X														3
2340370-1	DIODE		TRW	11D4790687	X								X						3
2340376-X	DIODE	35M03773	UNITRODE	UTR4310	X				X										3
2340379-1	DIODE	35M03773	HEW. PACK.	5082-3001	X		X												3
2340388-2	SCR	19500/168	G.E.	2N1777A	X						X								3
2340392-XX	DIODE	19500/435	DICKSON	1N4615-18	X						X								3
2346291-XX	DIODE	19500	MOTOROLA	1N5283-	X														3
2346295-XX	DIODE	19500	UNITRODE	U21360	X								X						3
48-P11266	DIODE		QPL	1N4376					X										3
48-P16069	DIODE		H.P.	5082-0112													X	X	3
48-P16070	DIODE		H.P.	5082-2401													X	X	3
JAN12N2484	TRANSISTORS	TZ10128601	RAY. AMELCO																4
JAN12N2609	TRANSISTOR														X				4
JAN12N2920	TRANSISTOR														X				4
JAN12N2605	TRANSISTORS	TZ10128601	RAYTHEON												X				4
JAN12N3811	TRANSISTOR														X				4
SM2N2905A	TRANSISTORS	50M60198	TI, MOTA												X				4
SM2N2905A	TRANSISTOR	50M60198	TI		X										X				4
SM2N2907A	TRANSISTOR	50M60198	TI		X						X				X				4
SM2N2907A	TRANSISTOR		T.I.		X	X	X		X		X								4
SM2N2907A	TRANSISTORS	50M60198	TI, RAY, MOT													X			4
SM2N2907A	TRANSISTOR														X				4
S2N14P6	TRANSISTOR		SOLITRON												X				4
S2N2060	TRANSISTOR	35M02708	TI/GE		X				X				X			X			4
S2N2102	TRANSISTORS	35M01108	RCA, TI, RAY									X	X						4
S2N2102	TRANSISTOR		RCA												X				4
S2N2222A	TRANSISTOR		T.I.												X				4
S2N2222A	TRANSISTOR	MSFC	T.I.												X				4
S2N2222A	TRANSISTOR	MSFC													X				4
S2N2222A	TRANSISTORS	35M02699	TI												X				4
S2N2222A	TRANSISTOR	35M02699	TI		X										X				4
S2N2419P	TRANSISTOR	35M01102	GF		X	X	X		X		X	X							4
S2N2920	TRANSISTOR	35M02710	TI		X				X										4
S2N4150	TRANSISTORS	50M34277	SOLITRON									X							4
S2N4863	TRANSISTOR	35M03773	SOLITRON												X				4
S2N4910	TRANSISTOR	35M01677	TI		X						X	X							4
S2N4918	TRANSISTOR	MSFC	T.I.		X								X						4
S2N4918	TRANSISTOR	35M01674	TI		X												X		4
S2N4920	TRANSISTORS	35M01641	TI																4
S2N4920	TRANSISTOR	MSFC	QPL												X				4
TX2N2219A	TRANSISTOR	S-19500	QPL														X	X	4
TX2N2222A	TRANSISTOR	S-19500	QPL														X	X	4
TX2N2857	TRANSISTOR	S-19500	QPL														X	X	4
TX2N2907A	TRANSISTOR	S-19500	QPL														X	X	4
TX2N3384	TRANSISTORS	TZ10128701	SILICONIX																4
TZ2N2811	TRANSISTORS	TZ10128651	NATL												X				4
151-355	TRANSISTOR		TELEDYNE	2N3823											X				4
2N2369A	TRANSISTORS	TZ10128601	TI, RAY, NAT												X				4
2N2432A	TRANSISTORS	TZ10128601	TI												X				4
2N2920	TRANSISTORS	TZ10128601	TI, GF												X				4

PART NO.	PART NAME	MIL SPEC	VENDOR	VENDOR P/N	C/S	C/D	PCU	D/P	PCU	LEM	LSP	LMS	LSG	GEO	TZ	UTD	TEL	MOT	TYP
242946A	TRANSISTORS	TZ10128601	TI																
243251A	TRANSISTORS	TZ10128601	TI, RAY, MOT												X				4
2005207-X	TRANSISTOR		MOTOROLA	2N4959											X				4
2005208-X	TRANSISTOR		TRW	2N5481													X		4
2005209-X	TRANSISTOR		TRW	2N5764													X		4
2334455-XX	TRANSISTOR		RCA	2N3263	X				X								X		4
2335190-1	TRANSISTOR		T.I.	2N3049	X	X													4
2335191-1	TRANSISTOR		T.I.	2N3045	X														4
2340364-1	TRANSISTOR		T.I./STLCONT	2N4416A	X			X											4
2740380-1	TRANSISTOR	19500/398	RCA	2N3866	X														4
2346250-2	TRANSISTOR		SOLITRON	2N5071	X														4
2346252-1	TRANSISTOR		TELEDYNE	2N4857	X														4
2346257-1	TRANSISTOR		MOTOROLA	2N351	X														4
2346279-1	TRANSISTOR		NATIONAL	2N930A	X														4
2346285-1	TRANSISTOR		NATIONAL	2N3019	X														4
472-0542-006		S-19500	T.I.	2N3049															4
90-34444-01	TRANSISTOR			2N4445														X	4
DCM37PHMC-1	CONNECTOR	TZ10129002	CANNON												X				5
MDM25P-S	CONNECTOR	TZ10129001	CANNON												X				5
MDM25PH-25	CONNECTOR	TZ10129001	CANNON												X				5
MDM25S-S	CONNECTOR	TZ10129001	CANNON												X				5
MDM25SH-22	CONNECTOR	TZ10129001	CANNON												X				5
MDM37P-S	CONNECTOR	TZ10129001	CANNON												X				5
MDM37PH-40	CONNECTOR	TZ10129001	CANNON												X				5
MDM37S-S	CONNECTOR	TZ10129001	CANNON												X				5
MDM37SH-30	CONNECTOR	TZ10129001	CANNON												X				5
MDM51PH-34	CONNECTOR	TZ10129001	CANNON												X				5
MDM51SH-34	CONNECTOR	TZ10129001	CANNON												X				5
OSM215	CONNECTOR		OMNI SPETRA												X				5
WST	CONNECTOR		HUGHES														X		5
2005287-1	CONNECTOR		OMNI SPETRA	OSM220													X		5
2331210-XX	CONNECTOR		SCHJELDAHL		X														5
2340354-1	CONNECTOR		OMNI. SPECTRA	A SPEC	X							X	X						5
2340361-2	CONNECTOR		TRANSITRON	SPEC.	X			X		X									5
2340362-X	CONNECTOR				X														5
2340369-XX	CONNECTOR		MICRODOT	MCDB1	X														5
2346217-X	CONNECTOR		HUGHES	WSXX													X		5
2346217-XX	CONNECTOR		HUGHES	WST, WSW	X	X	X	X	X		X								5
2346294-XX	CONNECTOR		MICRODOT	MCD	X														5
2349497-XX	CONNECTOR		AMP INC		X	X		X											5
2349498-XX	CONNECTOR		AMP INC		X														5
50-XXX	CONNECTOR		SEALCRO	CONTLER								X						X	5
151-345	RELAY	2345262-1	BA-66X	421-711-V3												X			6
2335151-XX	RELAY		TELEDYNE	421-3051	X			X											6
2338529-1	RELAY		POTTER BRUMF	1FLD HLXXX	X														6
2346239-1	RELAY		TELEDYNE	431-12	X							X							6
2346241-1	RELAY		ELECTROL	SPCL	X							X							6
2346264-1	RELAY		TELEDYNE	422-12	X				X				X						6
2346266-1	RELAY		HARCOCK	HR-20-AX	X							X	X						6
40437496-23	RELAY		TELEDYNE	421-26V	X				X										6
431- ()	RELAY	DM37496- (	TELEDYNE					X											6
90-24655-01	RELAY		TELEDYNE	432-7094											X				6
151-316-X	TRANSFORMER		LEIGHTNER											X					7
151-343	COIL		DELEVAN	2307-684												X			7
2005205-X	CHOKE		DELEVAN														X		7

PART NO.	PART NAME	MTL SPEC	VENDOR	VENDOR P/N	C/S	C/O	POU	D/P	PCU	LEM	LSP	LMS	LSG	GEO	TZ	UTO	TEL	MOT	TYP
2340319-XX	INDUCTOR		DELVAN	1025-XXX	X														
2340356-1	TRANSFORMER		J. SCHOTT	SPEC.	X						X								7
2340365-1	TRANSFORMER		J. SCHOTT	SPEC.	X								X						7
2346202-1	TRANSFORMER		J. SCHOTT	SPEC	X								X						7
2346204-1	INDUCTOR		J. SCHOTT	SPEC	X							X							7
2346206-1	INDUCTOR		J. SCHOTT	SPEC	X							X							7
2346209-1	INDUCTOR		J. SCHOTT	SPEC	X							X							7
2346211-1	INDUCTOR		J. SCHOTT	SPEC	X							X							7
2346221	MICROCKT	95M03766	T.I.	54L+VIB	X	X		X				X							7
2346223-1	INDUCTOR		J. SCHOTT	SPEC	X														7
2346224-1	INDUCTOR		J. SCHOTT	SPEC	X						X								7
2346225-1	INDUCTOR		J. SCHOTT	SPEC	X				X										7
2346226-1	TRANSFORMER		J. SCHOTT	SPEC	X				X										7
2346227-1	TRANSFORMER		J. SCHOTT	SPEC	X				X										7
2346249-1	TRANSFORMER		J. SCHOTT	SPEC	X				X										7
2346268-1	TRANSFORMER		J. SCHOTT	SPCL	X				X										7
2346269-1	TRANSFORMER		J. SCHOTT	SPCL	X						X								7
2346280-1	TRANSFORMER		UTC	DO-T37	X						X								7
2346291-1	TRANSFORMER		UTC	FHA-15	X								X						7
24-P12630B	COIL RF		MOTOROLA																7
24-P14417B	COIL RF		DELVAN															X	7
24-P14448A	COIL RF		DELVAN	1025														X	7
SM1015-1	MICROCKT	95M03910	NATIONAL		X								X						8
SM1045	MICROCKT	95M03889	NATIONAL		X							X							8
SM105F	MICROCKT	95M03889	NATIONAL		X			X											8
SM105G	MICROCKT	95M03889	NATIONAL		X							X							8
SM107G-1	MICROCKT	95M03910	NATIONAL		X						X	X							8
SM54L00F	MICROCKT	95M03766-100	T.I.								X								8
SM54L00F	MICROCKT		T.I.	SNC											X				8
SM54L00F1	MICROCKT	95M03766	T.I.													X			8
SM54L04F	MICROCKT	95M03766-104	T.I.												X				8
SM54L04F1	MICROCKT	95M03766	T.I.												X				8
SM54L20F	MICROCKT	95M03766-120	T.I.												X				8
SM54L20F1	MICROCKT	95M03766	T.I.												X				8
SM54L30F	MICROCKT	95M03766-130	T.I.												X				8
SM54L30F1	MICROCKT	95M03766	T.I.												X				8
SM54L51F1	MICROCKT	95M03766	T.I.												X				8
SM54L72F	MICROCKT	95M03766-172	T.I.												X				8
SM54L73F	MICROCKT	95M03766-173	T.I.												X				8
SM54L73F1	MICROCKT	95M03766	T.I.												X				8
SM54L9F1	MICROCKT	95M03766	T.I.												X				8
S1-P16071	MICROCKT		MOT-GED	MC-159												X			8
S1-P16072	MICROCKT		MOT-GED	MC-236														X	8
S1-P16073	MICROCKT		MOT-GED	SC-4057M														X	8
TZ3901-5	MICROCKT	TZ10128901	AMELCO												X				8
TZ3901-7	MICROCKT	TZ10128901	AMELCO												X				8
TZ3901-9	MICROCKT	TZ10128901	AMELCO												X				8
TZ3902-1	MICROCKT	TZ10128902	HARRIS SEMI												X				8
TZ3902-4	MICROCKT	TZ10128902	HARRIS SEMI												X				8
U537741312H	MICROCKT		FAIRCHILD	741											X				8
U5F77153129	MICROCKT		FAIRCHILD	715														X	8
151-341	MICROCKT	95M03766	SPRAGUE	UD4037												X			8
151-342	MICROCKT	95M03766	SPRAGUE	UD4036												X			8
151-343	MICROCKT	95M03766	SPRAGUE	UD4001												X			8
151-344	MICROCKT	95M03766	NATIONAL	NH0001												X			8

PART NO	PART NAME	MIL SPEC	VENDOR	VENDOR P/N	C/S	C/D	PDU	DZP	PCU	LEM	LSP	LMS	LSG	GEO	TZ	UTD	TEL	MOI	TYP
151-346	MICROCKT	85M03766	AMELCO	24048G															8
151-347	MICROCKT	85M03766	MONSENO	MCT-1												X			8
151-349	MICROCKT	85M03766	T.I.	SN52710S-11												X			8
151-353	MICROCKT	85M03766	SPRAGUE	UT-1001												X			8
151-354	MICROCKT	85M03766	NATIONAL	LM108												X			8
151-357	MICROCKT	85M03766	T.I.	SN54L121												X			8
2005163	MICROCKT		TSC	MEMA													X		8
2340305-1	MICROCKT		NATIONAL	DM7800H	X						X								8
2340317-1	MICROCKT		NATIONAL	LM102F	X				X		X								8
2340311-1	MICROCKT		NATIONAL	LM111H	X				X	X	X								8
2340312-1	MICROCKT		NATIONAL	LM107	X				X		X								8
2340328-1	MICROCKT		AMI	UL02C	X				X										8
2340329-1	MICROCKT		AMI	MX020	X				X		X								8
2340330-1	MICROCKT		AMI	SPOIC	X				X										8
2340368-1	MICROCKT		NATIONAL	NH0019-SEL	X								X						8
2346201-XX	MICROCKT		T.I.	54LXX	X	X			X		X	X	X						8
2346207-XX	MICROCKT		T.I.	54XX	X				X	X	X	X	X						8
2346270-XX	MICROCKT		NATIONAL	NH0001AF	X	X					X	X	X						8
2346271-XX	MICROCKT		NATIONAL	LM108AF	X							X	X						8
2346272-1	MICROCKT		PHILBRICK	1402-02	X							X	X						8
2346273-XX	MICROCKT		NATIONAL	LM103-XX	X							X	X						8
2346274-XX	MICROCKT		CRYSTALONICS	COA2-X	X							X	X						8
2346275-XX	MICROCKT		SIGNETICS	8T80, 90	X							X	X						8
2346278-1	MICROCKT		NATIONAL	NH0019F	X	X			X				X						8
2346296-1	MICROCKT		MOTOROLA	MC1590G	X						X								8
2346297-1	MICROCKT		FAIRCHILD	93L11	X								X						8
90-34651-01	MICROCKT		NATIONAL	LM108A										X					8
90-34659-01	MICROCKT			LM741										X					8
CP11-850-F-1	THERMISTOR		YELLOW SPR	44032										X					9
CP11-850-F-1	HEATER		ELECTROFILM	112434-2										X					9
CP2-850-F-1	MOTOR		GLOBE	128A271										X					9
CP3-850-F-1	MOTOR		GLOBE	43A1468										X					9
CP4-850-F-1	ENCODER		SINGER	719-11-1501										X					9
CP5-850-F-1	MOTOR		IMC-MAGNETIC	008-845-24										X					9
CP6-850-F-1	MOTOR		IMC-MAGNETIC	008-849										X					9
CP7-850-F-1	TRANSDUCER		METROPHYSICS	103123										X					9
M39103/01-X	CAPACITOR	C-39003	QPL														X		9
06-P14404A	SENSOR		T.I.	TG 1/8, TG 1/8														X	9
151-317	ELEC-MULT		FMR													X			9
151-361-X	CRYSTAL		MONITOR	2MHZ												X			9
151-366	ION PUMP		VARIAN													X			9
2005191	ISO-FILTER		STERLING IND													X			9
2005199-1	FILTER		ERIE	1250-700													X		9
2005213-X	CRYSTAL		MCCOY	95MHZ													X		9
2005298-1	THERMISTOR		FENWAL	GA4412													X		9
2335293-1	SWITCH		HAYDON		X												X		9
2335661-2	THERMISTOR		FENWAL	GB42MM52	X	X	X	X	X		X	X							9
2335661-3	THERMISTOR		FENWAL	GB--	X														9
2335662-1	THERMISTOR		TYLAN	FG108N	X														9
2340313-1	CRYSTAL		MONITOR		X						X								9
2340351-4	HEATER		MINCO		X							X							9
2340372-5	FILTER	85M03773	FRIE	1250-700	X						X								9
2346230-XX	FUSE		LITTLE FUSE	262-XX	X		X												9
2346220	CUTTER		ATLAS	15F166	X					X									9
2346238-XX	THERMISTOR		YSI	44032	X							X							9

MISC

PART NO	PART NAME	MIL SPEC	VENDOR	VENDOR P/N	C/S	C/D	PDU	D/P	PCU	LEM	LSP	LMS	LSG	GEO	TZ	UTD	TEL	MOT	TYP
2346242-1	SWITCH		MICRO SWITCH	IHM-19	X						X								9
2346244-3	CRYSTAL		MONITOR PROD	2.0352 MHZ	X			X											9
2346256-1	CRYSTAL, FI		MCCOY	SPCL	X						X								9
2346258-2	WIRE		GORE		X							X							9
2346259-XX	WIRE		GORE		X							X							9
2346265-1	SWITCH		KLIXON	M110509172										X					9
2346265-2	SWITCH		KLIXON	M1080063	X				X										9
2346288-4	CRYSTAL		MCCOY	SPCL	X						X								9
2363402-1	METER		INT. INST.	100W	X														9
25-PI4433A	FILTER		ERIE	1250-003														X	9
25-PI6063A	CRYSTAL		MCCOY	110.9631														X	9
44006	THERMISTOR	TZ10127710	YSI												X				9

TABLE II DETAIL PARTS LIST

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
COMMAND DECODER				EBF2
RCR05G331JS	RESISTOR	106	2367625	EBF2
RLR05C102GR	RESISTOR	6	2370075	EBF2
RLR20C105GR	RESISTOR	2	2367652-502	EBF2
RLR20C514GR	RESISTOR	12	2367652-502	EBF2
RNR55E1000FS	RESISTOR	2	2367652-502	EBF2
RNR55E1001FS	RESISTOR	2	2367615	EBF2
RNR55E1001FS	RESISTOR	4	2367652-502	EBF2
RNR55E1002FS	RESISTOR	8	2367652-502	EBF2
RNR55E1003FS	RESISTOR	2	2367644	EBF2
RNR55E1023FR	RESISTOR	2	2367644	EBF2
RNR55E1053FR	RESISTOR	2	2367644	EBF2
RNR55E1073FR	RESISTOR	2	2367644	EBF2
RNR55E1103FR	RESISTOR	2	2367644	EBF2
RNR55E1133FR	RESISTOR	2	2367644	EBF2
RNR55E1153FR	RESISTOR	2	2367644	EBF2
RNR55E1183FR	RESISTOR	2	2367644	EBF2
RNR55E1213FR	RESISTOR	2	2367644	EBF2
RNR55E1243FR	RESISTOR	2	2367644	EBF2
RNR55E1273FR	RESISTOR	2	2367644	EBF2
RNR55E1303FR	RESISTOR	2	2367644	EBF2
RNR55E1333FR	RESISTOR	2	2367644	EBF2
RNR55E1373FR	RESISTOR	2	2367644	EBF2
RNR55E1433FR	RESISTOR	2	2367644	EBF2
RNR55E1473FR	RESISTOR	2	2367644	EBF2
RNR55E1502FS	RESISTOR	2	2367652-502	EBF2
RNR55E1503FR	RESISTOR	2	2367644	EBF2
RNR55E1543FR	RESISTOR	2	2367644	EBF2
RNR55E1582FS	RESISTOR	2	2367652-502	EBF2
RNR55E1583FR	RESISTOR	2	2367644	EBF2
RNR55E1623FR	RESISTOR	2	2367644	EBF2
RNR55E1653FR	RESISTOR	2	2367644	EBF2
RNR55E1693FR	RESISTOR	2	2367644	EBF2
RNR55E1743FR	RESISTOR	2	2367644	EBF2
RNR55E1783FR	RESISTOR	2	2367644	EBF2
RNR55E1823FR	RESISTOR	2	2367644	EBF2
RNR55E1873FR	RESISTOR	2	2367644	EBF2
RNR55E1913FR	RESISTOR	2	2367644	EBF2
RNR55E1963FR	RESISTOR	2	2367644	EBF2
RNR55E2002FS	RESISTOR	4	2367652-502	EBF2
RNR55E2003FR	RESISTOR	2	2367644	EBF2
RNR55E2492FS	RESISTOR	2	2367652-502	EBF2
RNR55E2741FS	RESISTOR	2	2367652-502	EBF2
RNR55E3011FS	RESISTOR	4	2367652-502	EBF2
RNR55E3320FS	RESISTOR	2	2370075	EBF2
RNR55E3320FS	RESISTOR	6	2367615	EBF2
RNR55E3322FS	RESISTOR	6	2367652-502	EBF2
RNR55E3322FS	RESISTOR	2	2367615	EBF2
RNR55E4320FS	RESISTOR	10	2362220-502	EBF2
RNR55E4750FS	RESISTOR	20	2362220-502	EBF2
RNR55E4752FS	RESISTOR	2	2367615	EBF2
RNR55E4752FS	RESISTOR	4	2367652-502	EBF2
RNR55E4992FS	RESISTOR	10	2367652-502	EBF2
RNR55E6490FS	RESISTOR	4	2367652-502	EBF2
RNR55E8250FS	RESISTOR	4	2367652-502	EBF2

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55K2053FR	RESISTOR	2	2367644	EBF2
RNR55K2103FR	RESISTOR	2	2367644	EBF2
RNR55K2213FR	RESISTOR	2	2367644	EBF2
RNR55K2263FR	RESISTOR	2	2367644	EBF2
RNR55K2323FR	RESISTOR	2	2367644	EBF2
RNR55K2373FR	RESISTOR	2	2367644	EBF2
RNR55K2433FR	RESISTOR	2	2367644	EBF2
RNR55K2493FR	RESISTOR	2	2367644	EBF2
RNR55K2553FR	RESISTOR	2	2367644	EBF2
SM2N2907A	TRANSISTOR	2	2367652-502	EBF2
S1N750A	DIODE	2	2367652-502	EBF2
S1N750A	DIODE	2	2367652-502	EBF2
S1N751A	DIODE	8	2367652-502	EBF2
S1N751A	DIODE	1	2367615	EBF2
S1N751A	DIODE	8	2367652-502	EBF2
S2N2419B	TRANSISTOR	2	2367652-502	EBF2
2335190-1	TRANSISTOR	2	2367652-502	EBF2
2335661-2	THERMISTOR	2	2367652-502	EBF2
2346201-1	IC	20	2370075	EBF2
2346201-1	IC	8	2367615	EBF2
2346201-1	IC	52	2367625	EBF2
2346201-10	IC	2	2367652-502	EBF2
2346201-10	IC	6	2370075	EBF2
2346201-11	IC	8	2367652-502	EBF2
2346201-11	IC	12	2370075	EBF2
2346201-14	IC	4	2367615	EBF2
2346201-16	IC	2	2370075	EBF2
2346201-17	IC	3	2367615	EBF2
2346201-2	IC	4	2367652-502	EBF2
2346201-2	IC	8	2367615	EBF2
2346201-2	IC	16	2367625	EBF2
2346201-3	IC	5	2367615	EBF2
2346201-3	IC	2	2367652-502	EBF2
2346201-3	IC	8	2370075	EBF2
2346201-4	IC	11	2367615	EBF2
2346201-4	IC	4	2370075	EBF2
2346201-4	IC	2	2367652-502	EBF2
2346201-4	IC	24	2367625	EBF2
2346201-5	IC	2	2370075	EBF2
2346201-6	IC	2	2367652-502	EBF2
2346217-31	PIN	220	2367664	EBF2
2346217-4	CONN	1	2367664	EBF2
2346217-8	CONN	1	2367664	EBF2
2346230-49	CAPACITOR	2	2367652-502	EBF2
2346231-32	CAPACITOR	2	2367652-502	EBF2
2346231-34	CAPACITOR	2	2362227	EBF2
2346231-36	CAPACITOR	2	2367615	EBF2
2346233-25	CAPACITOR	56	2370075	EBF2
2346233-29	CAPACITOR	2	2367652-502	EBF2
2346233-32	CAPACITOR	4	2370075	EBF2
2346233-35	CAPACITOR	2	2367652-502	EBF2
2346233-37	CAPACITOR	16	2370075	EBF2
2346233-37	CAPACITOR	7	2367615	EBF2
2346233-37	CAPACITOR	20	2367652-502	EBF2
2346233-5	CAPACITOR	6	2367652-502	EBF2

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346233-9	CAPACITOR	6	2367652-502	EBF2
2346240-2	CAPACITOR	1	2367615	EBF2
2346240-2	CAPACITOR	2	2367652-502	EBF2
2346270-1	OP AMP	1	2367615	EBF2
2346270-3	MICROCRCT	12	2367652-502	EBF2
2346278-1	MOS TTL	6	2367652-502	EBF2
2346286-55	CAPACITOR	2	2367652-502	EBF2
2349497-13	BD CONN	2	2367652-502	EBF2
2349497-13	PIN HEADER AY	1	2367615	EBF2
2349497-13	PIN HEADER AY	2	2367625	EBF2
2349497-13	BD CONN	2	2367625	EBF2
2349497-13	BD CONN	1	2367615	EBF2
2349497-13	PIN HEADER	2	2370075	EBF2

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
<u>POWER DIST UNIT</u>				EBF3
CLR25RK700TGP	CAPACITOR	2	2362209	EBF3
RNR55E1003FS	RESISTOR	2	2362270-502	EBF3
RNR55E1212FS	RESISTOR	2	2362227	EBF3
RNR55E1913FR	RESISTOR	3	2362270-502	EBF3
RNR55E2051FS	RESISTOR	1	2362291-503	EBF3
RNR55E2051FS	RESISTOR	1	2362240-503	EBF3
RNR55E2051FS	RESISTOR	4	2362270	EBF3
RNR55E2102FS	RESISTOR	8	2362227	EBF3
RNR55E2102FS	RESISTOR	4	2362270	EBF3
RNR55E2102FS	RESISTOR	1	2362291-503	EBF3
RNR55E2102FS	RESISTOR	1	2362240-503	EBF3
RNR55E3011FS	RESISTOR	4	2362230-502	EBF3
RNR55E3320FS	RESISTOR	8	2362227	EBF3
RNR55E4320FS	RESISTOR	8	2362230-502	EBF3
RNR55E4420FS	RESISTOR	6	2362280-502	EBF3
RNR55E4420FS	RESISTOR	4	2362260-502	EBF3
RNR55E4422FS	RESISTOR	4	2362270	EBF3
RNR55E5621FS	RESISTOR	4	236220V02	EBF3
RNR55E5622FS	RESISTOR	8	2362230-502	EBF3
RNR55E5622FS	RESISTOR	12	2362280	EBF3
RNR55E5622FS	RESISTOR	30	2362220	EBF3
RNR55E6810FS	RESISTOR	8	2362227	EBF3
RNR55E6810FS	RESISTOR	4	2362260-502	EBF3
RNR55E6810FS	RESISTOR	12	2362280	EBF3
RNR55E6810FS	RESISTOR	8	2362230-502	EBF3
RNR55E6810FS	RESISTOR	30	2362220	EBF3
RNR55E9312FS	RESISTOR	3	2362270	EBF3
RWR81S1001FR	RESISTOR	2	2362291-502	EBF3
RWR81S1001FR	RESISTOR	2	2362291-503	EBF3
RWR81S1001FR	RESISTOR	2	2362291-502	EBF3
RWR81S1001FR	RESISTOR	2	2362291-503	EBF3
SM2N2907A	TRANSISTOR	4	2362260-502	EBF3
SM2N2907A	TRANSISTOR	30	2362220	EBF3
SM2N2907A	TRANSISTOR	12	2362280	EBF3
SM2N2907A	TRANSISTOR	8	2362230-502	EBF3
SM2N2907A	TRANSISTOR	8	2362227	EBF3
S1N645	DIODE	10	2362291-503	EBF3
S1N645	DIODE	8	2362227	EBF3
S1N645	DIODE	12	2362270	EBF3
S1N645	DIODE	10	2362240-503	EBF3
S1N645	DIODE	8	2362230-502	EBF3
S1N645	DIODE	4	2362280	EBF3
S1N645	DIODE	10	2362260-502	EBF3
S1N645	DIODE	80	2362220	EBF3
S1N757A	DIODE	4	2362270	EBF3
S2N2060	TRANSISTOR	4	2362230-502	EBF3
S2N2222A	TRANSISTOR	8	2362227	EBF3
S2N2222A	TRANSISTOR	4	2362260-502	EBF3
S2N2222A	TRANSISTOR	12	2362280	EBF3
S2N2222A	TRANSISTOR	30	2362220	EBF3
2330151-1	CKT BRKR	4	2362290-8	EBF3
2330151-1	CKT BRKR	4	2362290-3	EBF3
2330151-1	CKT BRKR	2	2362290-4	EBF3
2330151-1	CKT BRKR	10	2362290-7	EBF3

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2330151-1	CKT BRKR	4	2362290-4	EBF3
2330151-2	CKT BRKR	2	2362291-503	EBF3
2330151-2	CKT BRKR	4	2362240-503	EBF3
2330151-2	CKT BRKR	2	2362230-502	EBF3
2335661-2	THERMISTOR	2	2362230	EBF3
2340361-1	PIN HEADER	10	2368117-6	EBF3
2340361-1	PIN HEADER	10	2368117-8	EBF3
2340361-1	CONN PIN HD	6	2368117-5	EBF3
2340361-1	CONN PIN HD	4	2368117-3	EBF3
2340361-1	PIN HEADER	5	2368117-10	EBF3
2340361-1	CONN PIN HD	1	2368117-1	EBF3
2340361-1	PIN HEADER	10	2368117-7	EBF3
2340361-1	PIN HEADER	4	2368117-9	EBF3
2340376-1	DIODE	10	2362291-503	EBF3
2340376-1	DIODE	10	2362240-503	EBF3
2340376-1	DIODE	12	2362227	EBF3
2340376-1	DIODE	16	2362230	EBF3
2340376-1	DIODE	10	2362220	EBF3
2340376-1	DIODE	4	2362260-502	EBF3
2340376-2	DIODE	4	2362240-503	EBF3
2340376-2	DIODE	4	2362260-502	EBF3
2340376-2	DIODE	4	2362291-503	EBF3
2340376-2	DIODE	4	2362240-503	EBF3
2340386-39	RESISTOR	4	2362290-8	EBF3
2340386-41	RESISTOR	4	2362290-8	EBF3
2340386-43	RESISTOR	4	2362290-8	EBF3
2340386-43	RESISTOR	10	2362290-7	EBF3
2340386-45	RESISTOR	10	2362290-7	EBF3
2340386-45	RESISTOR	4	2362290-8	EBF3
2340386-47	RESISTOR	4	2362290-8	EBF3
2340386-47	RESISTOR	10	2362290-7	EBF3
2340386-49	RESISTOR	10	2362290-7	EBF3
2340386-49	RESISTOR	4	2362290-8	EBF3
2340386-51	RESISTOR	10	2362290-7	EBF3
2340386-53	RESISTOR	10	2362290-7	EBF3
2340386-55	RESISTOR	10	2362290-7	EBF3
2340386-61	RESISTOR	2	2362290-4	EBF3
2340386-61	RESISTOR	4	2362290-4	EBF3
2340386-63	RESISTOR	4	2362290-4	EBF3
2340386-63	RESISTOR	2	2362290-4	EBF3
2340386-65	RESISTOR	4	2362290-4	EBF3
2340386-65	RESISTOR	2	2362290-4	EBF3
2340386-67	RESISTOR	2	2362290-4	EBF3
2340386-67	RESISTOR	4	2362290-4	EBF3
2340386-69	RESISTOR	2	2362290-4	EBF3
2340386-69	RESISTOR	4	2362290-4	EBF3
2340386-71	RESISTOR	4	2362290-4	EBF3
2340386-71	RESISTOR	4	2362290-3	EBF3
2340386-71	RESISTOR	2	2362290-4	EBF3
2340386-73	RESISTOR	4	2362290-3	EBF3
2340386-73	RESISTOR	2	2362290-4	EBF3
2340386-73	RESISTOR	4	2362290-4	EBF3
2340386-75	RESISTOR	4	2362290-3	EBF3
2340386-75	RESISTOR	4	2362290-4	EBF3
2340386-75	RESISTOR	2	2362290-4	EBF3

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2340386-77	RESISTOR	4	2362290-3	EBF3
2340386-79	RESISTOR	4	2362290-3	EBF3
2340386-81	RESISTOR	4	2362290-3	EBF3
2340386-83	RESISTOR	4	2362290-3	EBF3
2340386-85	RESISTOR	4	2362290-3	EBF3
2340386-87	RESISTOR	4	2362290-3	EBF3
2340386-89	RESISTOR	4	2362290-3	EBF3
2346200-14	FUSE	1	2362209	EBF3
2346200-15	FUSE	13	2362209	EBF3
2346200-16	FUSE	1	2362209	EBF3
2346217-31	PIN	132	2362209	EBF3
2346217-9	CONN	1	2362209	EBF3
2346236-3	CAPACITOR	12	2362280	EBF3
40M37496-33	RELAY	10	2362220	EBF3
40M37496-33	RELAY	4	2362240-503	EBF3
40M37496-33	RELAY	4	2362291-503	EBF3
40M37496-33	RELAY	2	2362260-502	EBF3
40M37496-33	RELAY	4	2362230-502	EBF3
2338529-1	RELAY	10	2362220	EBF3

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
<u>DATA PROCESSOR UNIT</u>				EBF4
ECY10620JS	CAPACITOR	2	2349445	EBF4
RCR07G105JS	RESISTOR	1	2362170	EBF4
RCR07G204JS	RESISTOR	1	2362170	EBF4
RCR07G304JS	RESISTOR	1	2362170	EBF4
RCR07G434JS	RESISTOR	1	2362170	EBF4
RCR07G514JS	RESISTOR	1	2362170	EBF4
RCR07G624JS	RESISTOR	1	2362170	EBF4
RCR07G754JS	RESISTOR	1	2362170	EBF4
RCR07G824JS	RESISTOR	1	2362170	EBF4
RLR05C100GR	RESISTOR	4	2349491	EBF4
RLR05C101GR	RESISTOR	4	2349491	EBF4
RLR05C102GR	RESISTOR	3	2349415-502	EBF4
RLR05C102GR	RESISTOR	6	2349450-501	EBF4
RLR05C102GR	RESISTOR	3	2349415-502	EBF4
RLR05C102GR	RESISTOR	4	2349455	EBF4
RLR05C104GR	RESISTOR	2	2349445	EBF4
RLR05C180GR	RESISTOR	4	2349491	EBF4
RLR05C181GR	RESISTOR	4	2349491	EBF4
RLR05C270GR	RESISTOR	4	2349491	EBF4
RLR05C271GR	RESISTOR	4	2349491	EBF4
RLR05C331GR	RESISTOR	25	2349455	EBF4
RLR05C360GR	RESISTOR	4	2349491	EBF4
RLR05C361GR	RESISTOR	4	2349491	EBF4
RLR05C393GR	RESISTOR	2	2349455	EBF4
RLR05C430GR	RESISTOR	4	2349491	EBF4
RLR05C431GR	RESISTOR	4	2349491	EBF4
RLR05C432GR	RESISTOR	30	2349415-502	EBF4
RLR05C510GR	RESISTOR	4	2349491	EBF4
RLR05C511GR	RESISTOR	4	2349491	EBF4
RLR05C511GR	RESISTOR	4	2349455	EBF4
RLR05C512GR	RESISTOR	4	2349455	EBF4
RLR05C560GR	RESISTOR	4	2349491	EBF4
RLR05C561GR	RESISTOR	4	2349491	EBF4
RLR05C620GR	RESISTOR	4	2349491	EBF4
RLR05C621GR	RESISTOR	4	2349491	EBF4
RLR05C680GR	RESISTOR	4	2349491	EBF4
RLR05C681GR	RESISTOR	4	2349491	EBF4
RLR05C750GR	RESISTOR	4	2349491	EBF4
RLR05C751GR	RESISTOR	4	2349491	EBF4
RLR05C820GR	RESISTOR	4	2349491	EBF4
RLR05C821GR	RESISTOR	4	2349491	EBF4
RLR05C910GR	RESISTOR	4	2349491	EBF4
RLR05C911GR	RESISTOR	4	2349491	EBF4
RLR07C100GR	RESISTOR	1	2349465	EBF4
RLR07C102GR	RESISTOR	2	2349445	EBF4
RLR07C103GR	RESISTOR	2	2349445	EBF4
RLR07C202GR	RESISTOR	2	2349445	EBF4
RLR07C332GR	RESISTOR	4	2349445	EBF4
RLR07C333GR	RESISTOR	2	2349445	EBF4
RLR07C472GR	RESISTOR	2	2349445	EBF4
RLR07C511GR	RESISTOR	4	2349445	EBF4
RLR07C512GR	RESISTOR	1	2349465	EBF4
RNR55E1000FS	RESISTOR	1	2349490	EBF4
RNR55E1001FS	RESISTOR	2	2349465	EBF4
RNR55E1001FS	RESISTOR	2	2349491	EBF4

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E1002FS	RESISTOR	1	2362170	EBF4
RNR55E1002FS	RESISTOR	1	2362170	EBF4
RNR55E1002FS	RESISTOR	30	2349465	EBF4
RNR55E1022FS	RESISTOR	1	2362170	EBF4
RNR55E1022FS	RESISTOR	1	2362170	EBF4
RNR55E1052FS	RESISTOR	1	2362170	EBF4
RNR55E1052FS	RESISTOR	1	2362170	EBF4
RNR55E1072FS	RESISTOR	1	2362170	EBF4
RNR55E1072FS	RESISTOR	1	2362170	EBF4
RNR55E1100FS	RESISTOR	1	2349490	EBF4
RNR55E1102FS	RESISTOR	1	2362170	EBF4
RNR55E1102FS	RESISTOR	1	2362170	EBF4
RNR55E1132FS	RESISTOR	1	2362170	EBF4
RNR55E1152FS	RESISTOR	1	2362170	EBF4
RNR55E1152FS	RESISTOR	1	2362170	EBF4
RNR55E1182FS	RESISTOR	1	2362170	EBF4
RNR55E1210FS	RESISTOR	1	2349490	EBF4
RNR55E1212FS	RESISTOR	1	2362170	EBF4
RNR55E1300FS	RESISTOR	1	2349490	EBF4
RNR55E1400FS	RESISTOR	1	2349490	EBF4
RNR55E1500FS	RESISTOR	1	2349490	EBF4
RNR55E1620FS	RESISTOR	1	2349490	EBF4
RNR55E1740FS	RESISTOR	1	2349490	EBF4
RNR55E1820FS	RESISTOR	1	2349490	EBF4
RNR55E1871FS	RESISTOR	3	2349465	EBF4
RNR55E1910FS	RESISTOR	1	2349490	EBF4
RNR55E1961FS	RESISTOR	2	2349491	EBF4
RNR55E2000FS	RESISTOR	3	2349465	EBF4
RNR55E2000FS	RESISTOR	1	2349490	EBF4
RNR55E2001FS	RESISTOR	2	2349465	EBF4
RNR55E2002FS	RESISTOR	2	2349465-502	EBF4
RNR55E2100FS	RESISTOR	1	2349490	EBF4
RNR55E2210FS	RESISTOR	1	2349490	EBF4
RNR55E2262FS	RESISTOR	1	2349465	EBF4
RNR55E2320FS	RESISTOR	1	2349490	EBF4
RNR55E2430FS	RESISTOR	1	2349490	EBF4
RNR55E2612FS	RESISTOR	4	2349491	EBF4
RNR55E2670FS	RESISTOR	1	2349490	EBF4
RNR55E2800FS	RESISTOR	1	2349490	EBF4
RNR55E2801FS	RESISTOR	2	2349491	EBF4
RNR55E3011FS	RESISTOR	12	2349455	EBF4
RNR55E3011FS	RESISTOR	4	2349465	EBF4
RNR55E3161FS	RESISTOR	1	2349465	EBF4
RNR55E3321FS	RESISTOR	3	2349465	EBF4
RNR55E3572FS	RESISTOR	3	2349465	EBF4
RNR55E3651FS	RESISTOR	2	2349491	EBF4
RNR55E4421FS	RESISTOR	2	2349491	EBF4
RNR55E4752FS	RESISTOR	1	2349465	EBF4
RNR55E5111FS	RESISTOR	2	2349445	EBF4
RNR55E5361FS	RESISTOR	1	2349490	EBF4
RNR55E5361FS	RESISTOR	2	2349491	EBF4
RNR55E5491FS	RESISTOR	1	2349490	EBF4
RNR55E5621FS	RESISTOR	1	2349490	EBF4
RNR55E5761FS	RESISTOR	1	2349490	EBF4
RNR55E5901FS	RESISTOR	1	2349490	EBF4

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E5901FS	RESISTOR	4	2349455	EBF4
RNR55E5901FS	RESISTOR	6	2349465	EBF4
RNR55E6041FS	RESISTOR	1	2349490	EBF4
RNR55E6042FS	RESISTOR	1	2349465	EBF4
RNR55E6191FS	RESISTOR	1	2349490	EBF4
RNR55E6191FS	RESISTOR	2	2349491	EBF4
RNR55E6341FS	RESISTOR	1	2349490	EBF4
RNR55E6342FS	RESISTOR	3	2349465	EBF4
RNR55E6491FS	RESISTOR	1	2349490	EBF4
RNR55E6981FS	RESISTOR	1	2349465	EBF4
RNR55E8251FS	RESISTOR	1	2349465	EBF4
RNR55E9091FS	RESISTOR	1	2362170	EBF4
RNR55E9531FS	RESISTOR	1	2362170	EBF4
RNR55E9761FS	RESISTOR	1	2362170	EBF4
RNR55E9761FS	RESISTOR	1	2362170	EBF4
SM1N914	DIODE	4	2349485	EBF4
SM105F	IC	1	2349465	EBF4
S1N754A	DIODE	2	2349465	EBF4
S2N2222A	TRANSISTOR	2	2349445	EBF4
2335191-1	DUAL TRAN	1	2349455	EBF4
2335191-1	TRANSISTOR	1	2349455	EBF4
2335661-2	THERMISTOR	1	2349465	EBF4
2335661-3	THERMISTOR	1	2349474	EBF4
2340307-1	OP AMP	2	2349445	EBF4
2340311-1	OP AMP	2	2349445	EBF4
2340312-1	OP AMP	2	2349445	EBF4
2340328-1	NAND GATE	6	2349485	EBF4
2340329-1	MULTIPLEXER	42	2349485	EBF4
2340330-1	SHIFT REGSTR	4	2349485	EBF4
2340338-1	DIODE	2	2349445	EBF4
2340355-1	CAP	2	2349455	EBF4
2340355-2	DIODE	2	2349455	EBF4
2346201-1	IC	10	2349415-502	EBF4
2346201-1	IC	22	2349450-501	EBF4
2346201-1	IC	2	2349455	EBF4
2346201-1	IC	4	2349445	EBF4
2346201-11	IC	22	2349450-501	EBF4
2346201-11	IC	6	2349415-502	EBF4
2346201-14	IC	4	2349445	EBF4
2346201-14	IC	2	2349450-501	EBF4
2346201-15	IC	4	2349445	EBF4
2346201-17	IC	6	2349445	EBF4
2346201-17	IC	6	2349450-501	EBF4
2346201-17	IC	8	2349415-502	EBF4
2346201-18	IC	32	2349415-502	EBF4
2346201-2	IC	8	2349415	EBF4
2346201-2	IC	8	2349415-502	EBF4
2346201-2	IC	14	2349450-501	EBF4
2346201-2	IC	8	2349455	EBF4
2346201-2	IC	2	2349445	EBF4
2346201-3	IC	12	2349415-502	EBF4
2346201-3	IC	16	2349450-501	EBF4
2346201-3	IC	2	2349445	EBF4
2346201-4	IC	6	2349450-501	EBF4
2346201-5	IC	2	2349445	EBF4

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346201-5	IC	4	2349415-502	EBF4
2346207-1	IC	2	2349445	EBF4
2346207-2	IC	2	2349445	EBF4
2346207-21	IC	2	2349445	EBF4
2346217-31	PIN	244	2349474	EBF4
2346217-5	CONN	1	2349474	EBF4
2346231-28	CAPACITOR	7	2349465	EBF4
2346231-36	CAPACITOR	16	2367652-502	EBF4
2346233-17	CAPACITOR	2	2367652-502	EBF4
2346233-20	CAPACITOR	2	2349485	EBF4
2346233-20	CAPACITOR	2	2349435	EBF4
2346233-20	CAPACITOR	2	2349435	EBF4
2346233-21	CAPACITOR	4	2367652-502	EBF4
2346233-22	CAPACITOR	12	2349415-502	EBF4
2346233-25	CAPACITOR	28	2349455	EBF4
2346233-5	CAPACITOR	14	2349465	EBF4
2346233-9	CAPACITOR	15	2349465	EBF4
2346234-12	CAPACITOR	16	2349445	EBF4
2346234-4	CAPACITOR	20	2349450-501	EBF4
2346234-4	CAPACITOR	28	2349415-502	EBF4
2346234-4	CAPACITOR	6	2349465	EBF4
2346234-4	CAPACITOR	6	2349445	EBF4
2346244-3	CRYSTAL	2	2349445	EBF4
2346278-1	MOS NH 0019	2	2349445	EBF4
2346278-1	MOS SWITCH	2	2349485	EBF4
2346286-65	CAPACITOR	2	2349445	EBF4
2349497-13	PIN HEADER AY	2	2349485	EBF4
2349497-13	PIN HEADER AY	1	2349445	EBF4
2349497-13	PIN HEADER AY	1	2349475	EBF4
2349497-13	PIN HEADER AY	1	2349455	EBF4
2349497-13	PIN HEADER AY	1	2349465	EBF4
2349497-13	PIN HEADER AY	1	2349450-501	EBF4
2349497-13	PIN HEADER AY	2	2349415-502	EBF4
2349497-13	PIN HEADER AY	1	2349475-501	EBF4
2349497-13	PIN HEADER AY	2	2369435	EBF4

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
<u>POWER CONDITIONING UNIT</u>				EBF5
RNR55E1000FS	RESISTOR	4	2370060-502	EBF5
RNR55E1001FS	RESISTOR	3	2370050-502	EBF5
RNR55E1001FS	RESISTOR	12	2370060-502	EBF5
RNR55E1002FS	RESISTOR	20	2370060-502	EBF5
RNR55E1002FS	RESISTOR	2	2368182	EBF5
RNR55E1002FS	RESISTOR	10	2370050-502	EBF5
RNR55E1002FS	RESISTOR	2	2368160-502	EBF5
RNR55E1003FS	RESISTOR	7	2370050-502	EBF5
RNR55E1003FS	RESISTOR	4	2370060-502	EBF5
RNR55E1501FS	RESISTOR	6	2370060-502	EBF5
RNR55E1501FS	RESISTOR	1	2370050-502	EBF5
RNR55E1502FS	RESISTOR	1	2370050-502	EBF5
RNR55E1502FS	RESISTOR	2	2370060-502	EBF5
RNR55E1652DS	RESISTOR	1	2370050-502	EBF5
RNR55E1912FS	RESISTOR	10	2370020-502	EBF5
RNR55E1912FS	RESISTOR	1	2370050-502	EBF5
RNR55E2002FS	RESISTOR	2	2368150	EBF5
RNR55E2003FR	RESISTOR	1	2370060-502	EBF5
RNR55E2322FS	RESISTOR	1	2368150	EBF5
RNR55E2322FS	RESISTOR	2	2370060-502	EBF5
RNR55E2491FS	RESISTOR	1	2370050-502	EBF5
RNR55E2611FS	RESISTOR	1	2368191	EBF5
RNR55E2641DS	RESISTOR	1	2368191	EBF5
RNR55E2671FS	RESISTOR	1	2368191	EBF5
RNR55E2711DS	RESISTOR	1	2368191	EBF5
RNR55E2741FS	RESISTOR	1	2368191	EBF5
RNR55E2771DS	RESISTOR	1	2368191	EBF5
RNR55E2771DS	RESISTOR	4	2370060-502	EBF5
RNR55E2801FS	RESISTOR	1	2368191	EBF5
RNR55E2841DS	RESISTOR	1	2368191	EBF5
RNR55E2871FS	RESISTOR	1	2368191	EBF5
RNR55E2911DS	RESISTOR	1	2368191	EBF5
RNR55E2941FS	RESISTOR	1	2368191	EBF5
RNR55E2981DS	RESISTOR	1	2368191	EBF5
RNR55E3011FS	RESISTOR	4	2370050-502	EBF5
RNR55E3011FS	RESISTOR	4	2370060-502	EBF5
RNR55E3011FS	RESISTOR	2	2368160-502	EBF5
RNR55E3012FS	RESISTOR	2	2368160-502	EBF5
RNR55E3012FS	RESISTOR	4	2370050-502	EBF5
RNR55E3322FS	RESISTOR	2	2370050-502	EBF5
RNR55E3832FS	RESISTOR	3	2370050-502	EBF5
RNR55E4021FS	RESISTOR	1	2368191	EBF5
RNR55E4022FS	RESISTOR	2	2370050-502	EBF5
RNR55E4221FS	RESISTOR	1	2368191	EBF5
RNR55E4222FS	RESISTOR	1	2370050-502	EBF5
RNR55E4531FS	RESISTOR	1	2368191	EBF5
RNR55E4642FS	RESISTOR	2	2368150	EBF5
RNR55E4752FS	RESISTOR	1	2370050-502	EBF5
RNR55E49R9FS	RESISTOR	4	2368150	EBF5
RNR55E4990FS	RESISTOR	4	2370060-502	EBF5
RNR55E4991FS	RESISTOR	2	2370050-502	EBF5
RNR55E4991FS	RESISTOR	2	2370060-502	EBF5
RNR55E4992FS	RESISTOR	1	2370050-502	EBF5
RNR55E6491FS	RESISTOR	4	2370060-502	EBF5

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E9092FS	RESISTOR	2	2370060-502	EBF5
RWR80S1200FR	RESISTOR	1	2368150	EBF5
RWR80S1780FR	RESISTOR	1	2368150-502	EBF5
RWR80S2R74FR	RESISTOR	2	2368160-502	EBF5
RWR80S2R74FR	RESISTOR	2	2368160-502	EBF5
RWR80S4990FR	RESISTOR	2	2368160-502	EBF5
RWR80S4990FR	RESISTOR	2	2368160-502	EBF5
RWR80S82R5FR	RESISTOR	2	2368160-502	EBF5
RWR80S82R5FR	RESISTOR	2	2368160-502	EBF5
RWR81S1000FR	RESISTOR	2	2370060-502	EBF5
RWR81S1000FR	RESISTOR	2	2370060-502	EBF5
RWR81S1780FR	RESISTOR	2	2370050-502	EBF5
RWR81S1780FR	RESISTOR	2	2370050-502	EBF5
RWR81S2210FR	RESISTOR	1	2368150	EBF5
RWR81S2210FR	RESISTOR	1	2368150	EBF5
RWR81S4990FR	RESISTOR	4	2370060-502	EBF5
RWR81S4990FR	RESISTOR	4	2370060-502	EBF5
RWR81S80R6FR	RESISTOR	2	2370050-502	EBF5
RWR81S80R6FR	RESISTOR	2	2370050-502	EBF5
SM2N2907A	TRANSISTOR	6	2370060-502	EBF5
SM2N2907A	TRANSISTOR	7	2370050-502	EBF5
S1N5417	DIODE	4	2368160-502	EBF5
S1N5417	DIODE	6	2368120	EBF5
S1N5417	DIODE	3	2370050-502	EBF5
S1N5417	DIODE	8	2368190-1	EBF5
S1N5417	DIODE	16	2368150	EBF5
S1N645	DIODE	5	2370050-502	EBF5
S1N645	DIODE	4	2370060-502	EBF5
S1N645	DIODE	2	2368150	EBF5
S1N751A	DIODE	2	2370050-502	EBF5
S1N751A	DIODE	1	2368191	EBF5
S1N751A	DIODE	4	2370060-502	EBF5
S1N757A	DIODE	3	2368150	EBF5
S1N757A	DIODE	2	2370060-502	EBF5
S2N2060	TRANSISTOR	6	2370050-502	EBF5
S2N2222A	TRANSISTOR	6	2370060-502	EBF5
S2N2222A	TRANSISTOR	1	2368191	EBF5
S2N2222A	TRANSISTOR	1	2370050-502	EBF5
S2N2419B	TRANSISTOR	2	2368160-502	EBF5
2335661-2	THERMISTOR	4	2368178	EBF5
2340311-1	OP AMP	4	2370060-502	EBF5
2340361-1	PIN HEADER	2	2368117-3	EBF5
2340361-1	PIN HEADER	1	2368117-1	EBF5
2340361-1	PIN HEADER	6	2368117-2	EBF5
2340361-1	PIN HEADER	2	2368117-4	EBF5
2340361-1	PIN HEADER	3	2368117-5	EBF5
2340370-1	DIODE	8	2368190-1	EBF5
2346201-2	HEX INVERTER	2	2370060-502	EBF5
2346207-20	NAND GATE	2	2370060-502	EBF5
2346217-3	CONN	1	2368110	EBF5
2346217-31	PIN	88	2368110	EBF5
2346224-1	INDUCTOR	2	2368150	EBF5
2346224-1	INDUCTOR	2	2368182	EBF5
2346225-1	INDUCTOR	10	2368182	EBF5
2346226-1	TRANSFORMER	2	2368160	EBF5

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346227-1	TRANSFORMER	8	2368150	EBF5
2346234-4	CAPACITOR	4	2370060-502	EBF5
2346234-4	CAPACITOR	2	2368160	EBF5
2346234-4	CAPACITOR	2	2368160	EBF5
2346234-4	CAPACITOR	3	2370050-502	EBF5
2346234-8	CAPACITOR	2	2370060-502	EBF5
2346234-8	CAPACITOR	2	2368170	EBF5
2346235-18	CAPACITOR	2	2370060-502	EBF5
2346235-18	CAPACITOR	2	2368170	EBF5
2346240-22	CAPACITOR	2	2368182	EBF5
2346240-43	CAPACITOR	2	2370060-502	EBF5
2346240-45	CAPACITOR	4	2368182	EBF5
2346240-75	CAPACITOR	2	2368160	EBF5
2346240-78	CAPACITOR	1	2370050-502	EBF5
2346240-78	CAPACITOR	14	2368182	EBF5
2346240-78	CAPACITOR	6	2368150	EBF5
2346240-78	CAPACITOR	6	2370060-502	EBF5
2346240-84	CAPACITOR	1	2370050-502	EBF5
2346240-94	CAPACITOR	2	2368182	EBF5
2346246-30	CAPACITOR	4	2368182	EBF5
2346246-30	CAPACITOR	5	2370050-502	EBF5
2346246-30	CAPACITOR	2	2368160	EBF5
2346249-1	TRANSFORMER	2	2368120	EBF5
2346264-1	RELAY	1	2370050-502	EBF5
2346265-2	THERMISTOR	2	2368178	EBF5
2346266-1	RELAY	1	2368150	EBF5
2346295-1	DIODE	1	2368140	EBF5
2346295-1	DIODE	1	2370050-502	EBF5
2346295-4	DIODE	1	2368191	EBF5

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
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CENTRAL STATION MISC ----

DS00-27P-6045	CONN RECPTCL	1	2362852	EBF1
MD5302E1561P1512	CONN	1	2362852	EBF1
MD5302E1561PN512	CONN	1	2362852	EBF1
MD5302E919SN512	CONN	1	2362852	EBF1
RER65F5R49R	RESISTOR	12	2362900-502	EBF1
RNR55E1002FS	RESISTOR	1	2368150-502	EBF1
RNR55E1002FS	RESISTOR	1	2362852	EBF1
RNR55E2550FS	RESISTOR	1	2349490	EBF1
RNR55E3011FR	RESISTOR	1	2331253-2	EBF1
RNR55E3011FR	RESISTOR	1	2331253-4	EBF1
RNR55E3011FR	RESISTOR	1	2331253-6	EBF1
RNR55E3011FR	RESISTOR	1	2331253-5	EBF1
RNR55E3011FR	RESISTOR	1	2331253-1	EBF1
RNR55E3011FR	RESISTOR	1	2331253-3	EBF1
RNR55E4992FS	RESISTOR	2	2368150-502	EBF1
2331210-1	CONN	2	2362852	EBF1
2331210-10	CONN AY	2	2362852	EBF1
2331210-5	CONN	4	2362852	EBF1
2331210-6	CONN AY	1	2362852	EBF1
2335293-1	SWITCH SPOT	3	2348801	EBF1
2335661	THERMISTOR	1	2331253-6	EBF1
2335661-2	THERMISTOR	1	2331253-2	EBF1
2335661-2	THERMISTOR	1	2331253-4	EBF1
2335661-2	THERMISTOR	1	2331253-5	EBF1
2335661-2	THERMISTOR	1	2331253-3	EBF1
2335661-2	THERMISTOR	1	2331253-1	EBF1
2335662-1	THERMISTOR	2	2330333	EBF1
2335662-1	THERMISTOR	2	2332988-1	EBF1
2346217-17	CONN	1	2362852	EBF1
2346217-18	CONN MOD	1	2362852	EBF1
2346217-19	CONN MOD	1	2362852	EBF1
2346217-20	CONN MOD	1	2362852	EBF1
2346217-21	CONN MOD	1	2362852	EBF1
2346217-22	CONN MOD	1	2362852	EBF1
2346217-23	CONN MOD	1	2362852	EBF1
2346217-24	CONN MOD	1	2362852	EBF1
2346217-28	CONN MOD	1	2362852	EBF1
2346217-33	CONN PIN	38	2362900-502	EBF1
2346231-28	CAPACITOR	2	2349455	EBF1
2346270-3	OP AMP	14	2349465-502	EBF1
2346294-11	CONN	1	2362852	EBF1
2346294-13	CONN	2	2362852	EBF1
2346294-14	CONN	1	2362852	EBF1
2346246-17	CAPACITOR	18	2367694	EBF1
RCR07G511JS	RESISTOR	1	2367694	EBF1
SIN 5417	DIODE	1	2367694	EBF1

PART NO.	PART NAME	QTY	NEXT ASSY NO	EFF
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CENTRAL STATION MISC

RER65F11ROR	RESISTOR	12	2348636	EBFO
RER65F365OR	RESISTOR	9	2348636	EBFO
2331210-1	PLUG AY	2	2348706	EBFO
2331210-6	CONN AY	1	2348650	EBFO
2335662-1	THERMISTOR	1	2332988-7	EBFO
2335662-1	THERMISTOR	1	2332988-5	EBFO
2335662-1	THERMISTOR	1	2332988-6	EBFO
2335662-1	THERMISTOR	1	2332988-8	EBFO
2335662-1	THERMISTOR	1	2332984-4	EBFO
2335662-1	THERMISTOR	1	2332988-4	EBFO

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
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CENTRAL STATION MISC -----

DS00-27P-6045	CONN	1	2364057	EBF7
RCR07G155JS	RESISTOR	2	2349485	EBF7
RLR05C103GR	RESISTOR	8	2349485	EBF7
RLR05C202GR	RESISTOR	2	2349485	EBF7
RLR05C563GR	RESISTOR	6	2349485	EBF7
RLR05C753GR	RESISTOR	48	2349485	EBF7
RNR55E1002FS	RESISTOR	1	2363429	EBF7
SIN754A	DIODE	2	2349485	EBF7
2335293-1	SWITCH	2	2364057	EBF7
2363402	METER MODFID	1	2364057	EBF7

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
LEAM EXP-----				E2F
MD81-9PH	CONNECTOR	1	2347735	E2F
RWR81S6650FR	RESISTOR	1	2347996	E2F
RWR81S6650FR	RESISTOR	1	2347996	E2F
2331210-4	CONN AY	1	2347730	E2F
2346220-1	LINE CUTTER	12	2347700	E2F
2346238-3	THERMISTOR	2	2347775-101	E2F
2346238-4	THERMISTOR	2	2347775-102	E2F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
LSP EXP-----				E3F
ECY102R2C5	CAPACITOR	8	2348350	E3F
ECY10241J3	CAPACITOR	1	2347820	E3F
ECY10270G5	CAPACITOR	1	2347820	E3F
ECY105R6J5	CAPACITOR	8	2348350	E3F
ECY10560J5	CAPACITOR	1	2346720	E3F
RCR05G222JS	RESISTOR	1	2347825	E3F
RCR05G243JS	RESISTOR	1	2347825	E3F
RCR05G272JS	RESISTOR	1	2347815	E3F
RCR05G272JS	RESISTOR	1	2347825	E3F
RCR05G303JS	RESISTOR	1	2347825	E3F
RCR05G331JS	RESISTOR	1	2347835	E3F
RCR05G332JS	RESISTOR	1	2347815	E3F
RCR05G391JS	RESISTOR	1	2347825	E3F
RCR05G471JS	RESISTOR	1	2347825	E3F
RCR07G102JS	RESISTOR	1	2347808	E3F
RCR07G102JS	RESISTOR	1	2346720	E3F
RCR07G103JS	RESISTOR	1	2346720	E3F
RCR07G104JS	RESISTOR	8	2348371	E3F
RCR07G105JS	RESISTOR	8	2348371	E3F
RCR07G122JS	RESISTOR	1	2347820	E3F
RCR07G123JS	RESISTOR	1	2346720	E3F
RCR07G124JS	RESISTOR	8	2348371	E3F
RCR07G153JS	RESISTOR	1	2347808	E3F
RCR07G154JS	RESISTOR	8	2348371	E3F
RCR07G202JS	RESISTOR	3	2347825	E3F
RCR07G202JS	RESISTOR	1	2346720	E3F
RCR07G204JS	RESISTOR	8	2348371	E3F
RCR07G222JS	RESISTOR	1	2346720-501	E3F
RCR07G244JS	RESISTOR	8	2348371	E3F
RCR07G304JS	RESISTOR	8	2348371	E3F
RCR07G332JS	RESISTOR	2	2346720	E3F
RCR07G392JS	RESISTOR	1	2347808	E3F
RCR07G394JS	RESISTOR	8	2348371	E3F
RCR07G471JS	RESISTOR	1	2347808	E3F
RCR07G472JS	RESISTOR	1	2346720	E3F
RCR07G511JS	RESISTOR	1	2347820	E3F
RCR07G511JS	RESISTOR	2	2346720	E3F
RCR07G514JS	RESISTOR	8	2348371	E3F
RCR07G560JS	RESISTOR	1	2347808	E3F
RCR07G620JS	RESISTOR	1	2347808	E3F
RCR07G624JS	RESISTOR	8	2348371	E3F
RCR07G754JS	RESISTOR	8	2348371	E3F
RCR07G912JS	RESISTOR	1	2347808	E3F
RCR20G222JS	RESISTOR	8	2348355	E3F
RCR20G681JS	RESISTOR	8	2348359	E3F
RNR55E1000FS	RESISTOR	8	2348350	E3F
RNR55F1000FS	RESISTOR	8	2348359	E3F
RNR55E1000FS	RESISTOR	8	2348355	E3F
RNR55E1001FS	RESISTOR	16	2348350	E3F
RNR55E1001FS	RESISTOR	8	2348359	E3F
RNR55E1001FS	RESISTOR	16	2348355	E3F
RNR55E1002FS	RESISTOR	8	2348355	E3F
RNR55E1002FS	RESISTOR	1	2347820	E3F
RNR55E1002FS	RESISTOR	8	2348350	E3F
RNR55E1003FS	RESISTOR	8	2348359	E3F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E1003FS	RESISTOR	1	2347820	E3F
RNR55E1210FS	RESISTOR	1	2347820	E3F
RNR55E1211FS	RESISTOR	8	2348350	E3F
RNR55E1211FS	RESISTOR	1	2365406	E3F
RNR55E1211FS	RESISTOR	1	2347820	E3F
RNR55E1331FS	RESISTOR	1	2365406	E3F
RNR55E1502FS	RESISTOR	8	2348355	E3F
RNR55E1820FS	RESISTOR	8	2348355	E3F
RNR55E1820FS	RESISTOR	1	2347820	E3F
RNR55E1821FS	RESISTOR	8	2348355	E3F
RNR55E2001FS	RESISTOR	8	2348355	E3F
RNR55E2002FS	RESISTOR	1	2365406	E3F
RNR55E2211FS	RESISTOR	8	2348350	E3F
RNR55E2212FS	RESISTOR	8	2348355	E3F
RNR55E2431FS	RESISTOR	1	2347820	E3F
RNR55E2672FR	RESISTOR	1	2346720	E3F
RNR55E2741FS	RESISTOR	1	2365406	E3F
RNR55E2802FS	RESISTOR	1	2347808	E3F
RNR55F2942FS	RESISTOR	1	2346720-501	E3F
RNR55E3011FS	RESISTOR	1	2365406	E3F
RNR55E3012FS	RESISTOR	8	2348355	E3F
RNR55E3012FS	RESISTOR	8	2348350	E3F
RNR55E3241FS	RESISTOR	8	2348355	E3F
RNR55E3320FS	RESISTOR	1	2347820	E3F
RNR55E3320FS	RESISTOR	8	2348355	E3F
RNR55E3320FS	RESISTOR	8	2348355	E3F
RNR55E3321FS	RESISTOR	8	2348350	E3F
RNR55E3571FS	RESISTOR	8	2348350	E3F
RNR55E3652FS	RESISTOR	8	2348355	E3F
RNR55E4220FS	RESISTOR	1	2347820	E3F
RNR55E4320FS	RESISTOR	1	2365406	E3F
RNR55E4750FS	RESISTOR	16	2348355	E3F
RNR55E4750FS	RESISTOR	8	2348350	E3F
RNR55E4751FS	RESISTOR	3	2347820	E3F
RNR55E4992FS	RESISTOR	1	2346720-501	E3F
RNR55E5111FS	RESISTOR	8	2348350	E3F
RNR55E5231FS	RESISTOR	1	2365406	E3F
RNR55E5361FS	RESISTOR	1	2365406	E3F
RNR55E5620FS	RESISTOR	16	2348355	E3F
RNR55E6190FS	RESISTOR	8	2348355	E3F
RNR55E6810FS	RESISTOR	1	2347820	E3F
RNR55E75R0FS	RESISTOR	2	2347820	E3F
RNR55E8250FS	RESISTOR	8	2348355	E3F
RNR57C10R0FS	RESISTOR	2	2347820	E3F
RTR22DP202P	RESISTOR	1	2346720	E3F
RTR22DP502P	RESISTOR	1	2346720	E3F
RWR71S3241FR	RESISTOR	1	2347808	E3F
SM1N914	DIODE	16	2348359	E3F
SM105G	VOLT REG	1	2347808	E3F
SM107G-1	OP AMP	16	2348350	E3F
SM107G-1	OP AMP	16	2348355	E3F
SM2N2907A	TRANSISTOR	10	2362175	E3F
SM2N2907A	TRANSISTOR	1	2347820	E3F
SM4419C	TRANSISTOR	8	2348359	E3F
SM4419C	TRANSISTOR	24	2348355	E3F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
S1N5417	DIODE	8	2347808	E3F
S1N751A	DIODE	8	2348355	E3F
S1N916B	DIODE	1	2347820	E3F
S1N916B	DIODE	1	2347825	E3F
S1N916B	DIODE	5	2347808	E3F
S1N939A	DIODE	1	2365406	E3F
S1N939A	DIODE	1	2365406	E3F
S2N2222A	TRANSISTOR	1	2347808	E3F
S2N2222A	TRANSISTOR	1	2346720-501	E3F
S2N2222A	TRANSISTOR	2	2347820	E3F
S2N4863	TRANSISTOR	3	2347808	E3F
S2N918	TRANSISTOR	1	2347820	E3F
2335191-1	DUAL TRANSISR	1	2347825	E3F
2335661-2	THERMISTOR	8	2348350	E3F
2335661-2	THERMISTOR	1	2347800	E3F
2335661-2	THERMISTOR	1	2347813	E3F
2340305-1	MICROCKT	4	2346710	E3F
2340307-1	BUFFER AMP	1	2346720	E3F
2340311-1	COMPARATOR	1	2346720	E3F
2340312-1	OP AMP	1	2346720	E3F
2340313-1	CRYSTAL	1	2346720	E3F
2340319-11	CHOKE	1	2347820	E3F
2340319-12	CHOKE	8	2348350	E3F
2340319-13	CHOKE	8	2348350	E3F
2340319-13	CHOKE	1	2347820	E3F
2340319-2	CHOKE	1	2347820	E3F
2340319-23	CHOKE	2	2347820	E3F
2340319-23	CHOKE	32	2348350	E3F
2340319-38	CHOKE	2	2347820	E3F
2340319-4	CHOKE	1	2347820	E3F
2340319-6	CHOKE	1	2347820	E3F
2340319-7	CHOKE	1	2347820	E3F
2340319-9	CHOKE	8	2348350	E3F
2340329-1	MULTIPLEXER	5	2346710	E3F
2340338-1	DIODE	1	2346720	E3F
2340338-20	DIODE	1	2365406	E3F
2340338-20	DIODE	1	2347808	E3F
2340354-5	CONN	1	2347843	E3F
2340355-1	DIODE	1	2347820	E3F
2340366-1	TRANSISTOR	8	2348350	E3F
2340372-5	FILTER	16	2348371	E3F
2340372-5	FILTER	4	2347843	E3F
2340373-1	DIODE	8	2348350	E3F
2340379-1	PIN DIODE	2	2347820	E3F
2340388-2	DIODE-SCR	8	2348359	E3F
2340389-1	TRANSISTOR	1	2347820	E3F
2340391-17	CAP	1	2347820	E3F
2340392-5	DIODE	1	2347825	E3F
2346201-1	NAND GATE	3	2347835	E3F
2346201-1	NAND GATE	7	2347815	E3F
2346201-1	NAND GATE	2	2347825	E3F
2346201-11	FLIP FLOP	16	2348355	E3F
2346201-11	FLIP FLOP	10	2347815	E3F
2346201-11	FLIP FLOP	1	2347825	E3F
2346201-14	COUNTER	3	2346725	E3F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346201-16	FLIP FLOP	9	2347835	E3F
2346201-16	FLIP FLOP	3	2347815	E3F
2346201-18	IC	1	2347825	E3F
2346201-2	GATE	2	2346720	E3F
2346201-2	INVERTER	2	2346725	E3F
2346201-3	NAND GATE	10	2347825	E3F
2346201-3	GATE	2	2346725	E3F
2346201-3	NAND GATE	6	2347835	E3F
2346201-3	NAND GATE	5	2347815	E3F
2346201-4	NAND GATE	1	2347835	E3F
2346201-4	NAND GATE	8	2348355	E3F
2346201-4	NAND GATE	6	2347815	E3F
2346201-4	GATE	4	2346710	E3F
2346201-5	GATE	1	2346725	E3F
2346201-5	NAND GATE	1	2347815	E3F
2346201-6	NAND GATE	14	2347835	E3F
2346201-7	NAND GATE	2	2347825	E3F
2346201-7	NAND GATE	6	2347835	E3F
2346207-1	GATE	2	2346720	E3F
2346207-15	HEX INVERT	1	2347815	E3F
2346207-22	MULTIVIBRATOR	3	2347815	E3F
2346207-22	MONOSTABLE	2	2347825	E3F
2346207-22	MULTIVIBRATOR	16	2348355	E3F
2346207-3	DUAL NAND	8	2348355	E3F
2346217-13	CONN	1	2347800	E3F
2346217-31	CONTACT PIN	88	2347800	E3F
2346223-1	CHOKE	5	2347808	E3F
2346230-1	CAPACITOR	8	2348350	E3F
2346230-1	CAPACITOR	2	2347820	E3F
2346230-10	CAPACITOR	1	2347808	E3F
2346230-12	CAPACITOR	1	2347820	E3F
2346230-14	CAPACITOR	1	2347820	E3F
2346230-17	CAPACITOR	1	2347808	E3F
2346230-17	CAPACITOR	1	2347820	E3F
2346230-18	CAPACITOR	1	2347820	E3F
2346230-21	CAPACITOR	4	2347815	E3F
2346230-24	CAPACITOR	8	2348350	E3F
2346230-24	CAPACITOR	1	2347820	E3F
2346230-25	CAPACITOR	1	2347808	E3F
2346230-25	CAPACITOR	3	2347820	E3F
2346230-25	CAPACITOR	1	2347835	E3F
2346230-25	CAPACITOR	7	2347825	E3F
2346230-25	CAPACITOR	8	2348355	E3F
2346230-25	CAPACITOR	3	2347815	E3F
2346230-37	CAPACITOR	1	2347820	E3F
2346230-5	CAPACITOR	1	2347820	E3F
2346230-6	CAPACITOR	1	2347820	E3F
2346230-6	CAPACITOR	8	2348350	E3F
2346230-8	CAPACITOR	1	2347820	E3F
2346231-12	CAPACITOR	72	2348350	E3F
2346231-16	CAPACITOR	1	2347808	E3F
2346231-24	CAPACITOR	8	2348355	E3F
2346231-24	CAPACITOR	8	2348350	E3F
2346231-24	CAPACITOR	8	2348359	E3F
2346231-32	CAPACITOR	8	2348355	E3F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346231-36	CAPACITOR	8	2348350	E3F
2346231-36	CAPACITOR	8	2348359	E3F
2346231-36	CAPACITOR	1	2347825	E3F
2346231-36	CAPACITOR	2	2347815	E3F
2346231-36	CAPACITOR	3	2347808	E3F
2346231-36	CAPACITOR	8	2348350	E3F
2346231-36	CAPACITOR	1	2347820	E3F
2346231-36	CAPACITOR	1	2347835	E3F
2346231-4	CAPACITOR	6	2347820	E3F
2346233-13	CAPACITOR	1	2346720	E3F
2346233-21	CAPACITOR	1	2346720	E3F
2346234-4	CAPACITOR	1	2346725	E3F
2346234-4	CAPACITOR	1	2347808	E3F
2346234-4	CAPACITOR	3	2346720	E3F
2346240-13	CAPACITOR	2	2347825	E3F
2346240-22	CAPACITOR	1	2347808	E3F
2346240-30	CAPACITOR	4	2346720	E3F
2346240-34	CAPACITOR	2	2347808	E3F
2346240-78	CAPACITOR	4	2347808	E3F
2346240-86	CAPACITOR	1	2347808	E3F
2346240-93	CAPACITOR	1	2347808	E3F
2346246-17	CAPACITOR	16	2348359	E3F
2346246-35	CAPACITOR	4	2347820	E3F
2346250-1	TRANSISTOR	1	2347820	E3F
2346256-1	CRYSTAL	8	2348350	E3F
2346268-1	TRANSFORMER	1	2347808	E3F
2346269-1	TRANSFORMER	1	2347808	E3F
2346283-10	CAPACITOR	3	2347820	E3F
2346283-10	CAPACITOR	16	2348350	E3F
2346286-65	CAPACITOR	1	2346720	E3F
2346288-4	CRYSTAL	1	2347820	E3F
2346296-1	MICROCKT	16	2348350	E3F
RNR55E 49R9FS	RESISTOR	3	2347820	E3F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
<u>LMS EXP</u>				E4F
CMR02E222J3R	CAPACITOR	2	2347566	E4F
CMR02F392F3R	CAPACITOR	2	2347480	E4F
RCR05G102JS	RESISTOR	1	2347566	E4F
RCR05G103JS	RESISTOR	2	2347566	E4F
RCR05G104JS	RESISTOR	8	2347566	E4F
RCR05G104JS	RESISTOR	1	2347567	E4F
RCR05G106JS	RESISTOR	1	2347566	E4F
RCR05G126JS	RESISTOR	3	2347566	E4F
RCR05G153JS	RESISTOR	1	2347566	E4F
RCR05G154JS	RESISTOR	1	2347566	E4F
RCR05G155JS	RESISTOR	1	2347567	E4F
RCR05G223JS	RESISTOR	1	2347566	E4F
RCR05G224JS	RESISTOR	1	2347566	E4F
RCR05G225JS	RESISTOR	2	2347566	E4F
RCR05G270JS	RESISTOR	1	2347566	E4F
RCR05G274JS	RESISTOR	1	2347567	E4F
RCR05G335JS	RESISTOR	1	2347567	E4F
RCR05G393JS	RESISTOR	2	2347567	E4F
RCR05G471JS	RESISTOR	1	2347567	E4F
RCR05G472JS	RESISTOR	4	2347566	E4F
RCR05G473JS	RESISTOR	1	2347566	E4F
RCR05G474JS	RESISTOR	3	2347567	E4F
RCR05G513JS	RESISTOR	1	2347566	E4F
RCR05G561JS	RESISTOR	1	2347566	E4F
RCR05G565JS	RESISTOR	2	2347567	E4F
RCR05G623JS	RESISTOR	1	2347566	E4F
RCR05G8R2JS	RESISTOR	1	2347567	E4F
RCR05G822JS	RESISTOR	1	2347567	E4F
RCR05G911JS	RESISTOR	2	2347567	E4F
RCR07G100JS	RESISTOR	1	2347505	E4F
RCR07G101JS	RESISTOR	1	2347610	E4F
RCR07G102JS	RESISTOR	1	2347493	E4F
RCR07G102JS	RESISTOR	2	2347555	E4F
RCR07G201JS	RESISTOR	2	2347610	E4F
RCR07G203JS	RESISTOR	1	2347610	E4F
RCR07G243JS	RESISTOR	2	2347610	E4F
RCR07G270JS	RESISTOR	1	2347500	E4F
RCR07G272JS	RESISTOR	1	2347610	E4F
RCR07G331JS	RESISTOR	1	2347555	E4F
RCR07G331JS	RESISTOR	1	2347540	E4F
RCR07G333JS	RESISTOR	1	2347610	E4F
RCR07G392JS	RESISTOR	1	2347530	E4F
RCR07G470JS	RESISTOR	2	2347610	E4F
RCR07G560JS	RESISTOR	1	2347500	E4F
RCR07G683JS	RESISTOR	1	2347610	E4F
RCR07G750JS	RESISTOR	1	2347505	E4F
RCR07G823JS	RESISTOR	1	2347540	E4F
RCR07G823JS	RESISTOR	1	2347555	E4F
REr60F1001R	RESISTOR	1	2347410	E4F
REr60F1501R	RESISTOR	1	2347410	E4F
REr60F3480R	RESISTOR	1	2347410	E4F
REr60F4990R	RESISTOR	1	2347410	E4F
REr60F6040R	RESISTOR	1	2347410	E4F
REr60F6980R	RESISTOR	1	2347410	E4F
REr60F7500R	RESISTOR	1	2347410	E4F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RER60F9090R	RESISTOR	1	2347410	E4F
RNR55E1002FS	RESISTOR	4	2347555	E4F
RNR55E1003FS	RESISTOR	17	2347555	E4F
RNR55E1212FS	RESISTOR	1	2347555	E4F
RNR55E1242FS	RESISTOR	1	2347500	E4F
RNR55E1292FS	RESISTOR	1	2347500	E4F
RNR55E1332FS	RESISTOR	1	2347500	E4F
RNR55E1382DS	RESISTOR	1	2347500	E4F
RNR55E1432DS	RESISTOR	1	2347500	E4F
RNR55E1432FS	RESISTOR	1	2347500	E4F
RNR55E1502FS	RESISTOR	1	2347555	E4F
RNR55E2000FS	RESISTOR	2	2347555	E4F
RNR55E2002FS	RESISTOR	1	2347555	E4F
RNR55E2151FS	RESISTOR	1	2347505	E4F
RNR55E2151FS	RESISTOR	1	2347505	E4F
RNR55E2181DS	RESISTOR	1	2347505	E4F
RNR55E2181DS	RESISTOR	1	2347505	E4F
RNR55E2211FS	RESISTOR	1	2347505	E4F
RNR55E2211FS	RESISTOR	1	2347505	E4F
RNR55E2231DS	RESISTOR	1	2347505	E4F
RNR55E2231DS	RESISTOR	1	2347505	E4F
RNR55E2261FS	RESISTOR	1	2347505	E4F
RNR55E2261FS	RESISTOR	1	2347505	E4F
RNR55E2291DS	RESISTOR	1	2347505	E4F
RNR55E2291DS	RESISTOR	1	2347505	E4F
RNR55E2321FS	RESISTOR	1	2347505	E4F
RNR55F2321FS	RESISTOR	1	2347500	E4F
RNR55E2321FS	RESISTOR	1	2347505	E4F
RNR55E2341DS	RESISTOR	1	2347505	E4F
RNR55E2341DS	RESISTOR	1	2347500	E4F
RNR55E2341DS	RESISTOR	1	2347505	E4F
RNR55E2371FS	RESISTOR	1	2347505	E4F
RNR55E2371FS	RESISTOR	1	2347500	E4F
RNR55E2371FS	RESISTOR	1	2347505	E4F
RNR55E2401DS	RESISTOR	1	2347505	E4F
RNR55E2401DS	RESISTOR	1	2347500	E4F
RNR55E2401DS	RESISTOR	1	2347505	E4F
RNR55E2401DS	RESISTOR	1	2347500	E4F
RNR55E2431DS	RESISTOR	1	2347500	E4F
RNR55E2431FS	RESISTOR	1	2347505	E4F
RNR55E2431FS	RESISTOR	1	2347505	E4F
RNR55E2432FS	RESISTOR	1	2347530	E4F
RNR55E2461DS	RESISTOR	1	2347505	E4F
RNR55E2461DS	RESISTOR	1	2347505	E4F
RNR55E2491FS	RESISTOR	1	2347505	E4F
RNR55E2491FS	RESISTOR	1	2347505	E4F
RNR55E2521DS	RESISTOR	1	2347505	E4F
RNR55E2521DS	RESISTOR	1	2347505	E4F
RNR55E2551FS	RESISTOR	1	2347505	E4F
RNR55E2551FS	RESISTOR	1	2347505	E4F
RNR55E2581DS	RESISTOR	1	2347505	E4F
RNR55E2581DS	RESISTOR	1	2347505	E4F
RNR55E2672FS	RESISTOR	1	2347610	E4F
RNR55E2872FS	RESISTOR	1	2347555	E4F
RNR55E2942FS	RESISTOR	1	2347530	E4F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E3011FS	RESISTOR	2	2347480	E4F
RNR55E3011FS	RESISTOR	1	2347530	E4F
RNR55E3320FS	RESISTOR	1	2347610	E4F
RNR55E3321DS	RESISTOR	2	2347610	E4F
RNR55E3572FS	RESISTOR	6	2347625	E4F
RNR55E3572FS	RESISTOR	5	2377530	E4F
RNR55E4022FS	RESISTOR	1	2347555	E4F
RNR55E4751DS	RESISTOR	2	2347610	E4F
RNR55E4991FS	RESISTOR	6	2347625	E4F
RNR55E4991FS	RESISTOR	4	2347530	E4F
RNR55E4992FS	RESISTOR	3	2347555	E4F
RNR55E5901FS	RESISTOR	1	2347505	E4F
RNR55E5971DS	RESISTOR	1	2347505	E4F
RNR55E6041FS	RESISTOR	1	2347505	E4F
RNR55E6121DS	RESISTOR	1	2347505	E4F
RNR55E6191FS	RESISTOR	1	2347505	E4F
RNR55E6341FS	RESISTOR	1	2347555	E4F
RNR55E6812DS	RESISTOR	3	2347610	E4F
RNR55E7321FS	RESISTOR	1	2347505	E4F
RNR55E7321FS	RESISTOR	1	2347505	E4F
RNR55E7411DS	RESISTOR	1	2347505	E4F
RNR55E7501FS	RESISTOR	1	2347505	E4F
RNR55E7502FS	RESISTOR	1	2347555	E4F
RNR55E7591DS	RESISTOR	1	2347505	E4F
RNR55F7681FS	RESISTOR	1	2347505	E4F
RNR55E8061FS	RESISTOR	1	2347555	E4F
RNR55E8062FS	RESISTOR	2	2347620	E4F
RNR55E9091FS	RESISTOR	1	2347555	E4F
RNR65C1004FS	RESISTOR	5	2347620	E4F
RNR65E1004FS	RESISTOR	2	2347555	E4F
RNR65E4993FS	RESISTOR	1	2347555	E4F
RWR80S8R45FS	RESISTOR	1	2347530	E4F
RWR80S8R45FS	RESISTOR	1	2347530	E4F
RWR81SR100FR	RESISTOR	1	2347480	E4F
RWR81SR100FR	RESISTOR	1	2347480	E4F
RWR81S1R00FS	RESISTOR	1	2347610	E4F
RWR81S1R00FS	RESISTOR	1	2347610	E4F
SM1N914	DIODE	6	2347610	E4F
SM1N914	DIODE	2	2347555	E4F
SM104G	VOLT REG	2	2347505	E4F
SM105G	VOLT REG	2	2347500	E4F
SM2N2905A	TRANSISTOR	1	2347567	E4F
SM2N2905A	TRANSISTOR	1	2347505	E4F
SM2N2907A	TRANSISTOR	2	2347566	E4F
S1N4838	DIODE	6	2347566	E4F
S1N4838	DIODE	10	2347567	E4F
S1N4942	DIODE	8	2347493	E4F
S1N645	DIODE	6	2347530	E4F
S2N2060	TRANSISTOR	3	2347625	E4F
S2N2060	TRANSISTOR	1	2347610	E4F
S2N2060	TRANSISTOR	2	2347530	E4F
S2N2222A	TRANSISTOR	1	2347610	E4F
S2N2920	TRANSISTOR	1	2347610	E4F
S2N2920	TRANSISTOR	3	2347625	E4F
S2N2920	TRANSISTOR	3	2347530	E4F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
S2N4863	TRANSISTOR	1	2347500	E4F
S2N4863	TRANSISTOR	2	2347567	E4F
S2N4863	TRANSISTOR	2	2347493	E4F
S2N4863	TRANSISTOR	4	2347610	E4F
S2N4863	TRANSISTOR	1	2347566	E4F
2331210-5	CONN	1	2347590	E4F
2335661-2	THERMISTOR	1	2347480	E4F
2335661-2	THERMISTOR	1	2347602	E4F
2340351-4	HEATER STRIP	2	2347410	E4F
2340367-1	RESISTOR	2	2347480	E4F
2340367-10	RESISTOR	2	2347480	E4F
2340367-2	RESISTOR	2	2347480	E4F
2340367-3	RESISTOR	2	2347480	E4F
2340367-4	RESISTOR	2	2347480	E4F
2340367-5	RESISTOR	2	2347480	E4F
2340367-6	RESISTOR	2	2347480	E4F
2340367-7	RESISTOR	2	2347480	E4F
2340367-8	RESISTOR	2	2347480	E4F
2340367-9	RESISTOR	2	2347480	E4F
2346201-1	NAND GATE	9	2347550	E4F
2346201-1	MICR	1	2347555	E4F
2346201-1	INPUT N GATE	3	2347540	E4F
2346201-10	FLIP FLOP	3	2347550	E4F
2346201-11	FLIP FLOP	1	2347540	E4F
2346201-11	FLIP FLOP	6	2347550	E4F
2346201-14	MICR CNTR	1	2347540	E4F
2346201-14	BINARY CNTR	18	2347550	E4F
2346201-15	SHIFT REG	24	2347550	E4F
2346201-16	MICROCKT	15	2347555	E4F
2346201-16	FLIP FLOP	10	2347540	E4F
2346201-2	HEX INVERTER	6	2347540	E4F
2346201-2	HEX INVERTER	6	2347550	E4F
2346201-3	NAND GATE	3	2347550	E4F
2346201-3	MICROCKT	1	2347555	E4F
2346201-4	NAND GATE	6	2347550	E4F
2346201-4	INPUT N GATE	9	2347540	E4F
2346201-5	INPUT N GATE	3	2347540	E4F
2346201-6	MICROCKT	6	2347555	E4F
2346202-1	TRANSFORMER	1	2347480	E4F
2346202-1	TRANSFORMER	1	2347630	E4F
2346204-1	CHOKE	2	2347493	E4F
2346206-1	CHOKE FILTER	1	2347480	E4F
2346207-1	MICR	3	2347555	E4F
2346207-1	INPUT N GATE	1	2347540	E4F
2346207-15	HEX INVERTER	2	2347540	E4F
2346207-18	MICR	1	2347555	E4F
2346207-18	MULTIBIBRATOR	1	2347530	E4F
2346209-1	CHOKE	1	2347493	E4F
2346211-1	CHOKE	1	2347493	E4F
2346230-25	CAPACITOR	1	2347610	E4F
2346230-33	CAPACITOR	1	2347630	E4F
2346231-12	CAPACITOR	2	2347505	E4F
2346231-12	CAPACITOR	1	2347610	E4F
2346231-8	CAPACITOR	2	2347610	E4F
2346233-13	CAPACITOR	6	2347555	E4F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346233-13	CAPACITOR	1	2347620	E4F
2346233-25	CAPACITOR	10	2347540	E4F
2346233-25	CAPACITOR	3	2347555	E4F
2346233-29	CAPACITOR	3	2347550	E4F
2346233-3	CAPACITOR	1	2347555	E4F
2346233-31	CAPACITOR	3	2347550	E4F
2346233-37	CAPACITOR	1	2347620	E4F
2346234-13	CAPACITOR	6	2347555	E4F
2346235-13	CAPACITOR	1	2347550	E4F
2346235-13	CAPACITOR	1	2347540	E4F
2346238-1	THERMISTOR	1	2347500	E4F
2346239-1	RELAY	1	2347530	E4F
2346240-13	CAPACITOR	2	2367500	E4F
2346240-18	CAPACITOR	3	2347530	E4F
2346240-44	CAPACITOR	1	2347500	E4F
2346240-44	CAPACITOR	1	2347610	E4F
2346240-44	CAPACITOR	2	2347493	E4F
2346240-78	CAPACITOR	1	2347530	E4F
2346240-78	CAPACITOR	4	2347493	E4F
2346240-78	CAPACITOR	1	2347480	E4F
2346240-86	CAPACITOR	1	2347500	E4F
2346240-86	CAPACITOR	2	2347505	E4F
2346240-86	CAPACITOR	3	2347493	E4F
2346240-90	CAPACITOR	1	2347540	E4F
2346240-90	CAPACITOR	1	2347555	E4F
2346240-92	CAPACITOR	1	2347493	E4F
2346240-94	CAPACITOR	1	2347480	E4F
2346241-20	CAPACITOR	1	2347540	E4F
2346242-2	SWITCH	1	2347476	E4F
2346258-4	WIRE		2347480	E4F
2346259-1	WIRE		2347590	E4F
2346259-2	WIRE		2347590	E4F
2346261-1	RELAY	1	2347677	E4F
2346261-1	RELAY	1	2347671	E4F
2346264-1	RELAY	2	2347530	E4F
2346271-1	IC	6	2347555	E4F
2346271-2	AMPLIFIER	1	2347620	E4F
2346274-2	TRAN DUAL FLT	8	2347555	E4F
2349497-4	PIN HEADER AY	1	2347530	E4F
2349497-6	PIN HEADER AY	1	2347480	E4F
2349497-8	PIN HEADER AY	1	2347550	E4F
2349497-8	PIN HEADER AY	1	2347540	E4F
2349497-8	PIN HEADER	1	2347555	E4F
2349498-3	RECEP CONN	1	2347585	E4F
2349498-4	RECEP CONN	1	2347585	E4F
2349498-5	RECEPTACLE	1	2347590	E4F
2349498-5	RECEPTACLE	1	2347590	E4F
2349498-6	RECEPTACLE	1	2347590	E4F
2349498-8	RECEP CONN	3	2347585	E4F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
LSG EXP-----				E5F
ECY10200J5	CAPACITOR	1	2362188	E5F
ECY15122F3	CAPACITOR	1	2362183	E5F
RCR05G101JS	RESISTOR	1	2362187	E5F
RCR05G102JS	RESISTOR	1	2362172	E5F
RCR05G102JS	RESISTOR	1	2362187	E5F
RCR05G103JS	RESISTOR	46	2362184	E5F
RCR05G103JS	RESISTOR	6	2362183	E5F
RCR05G103JS	RESISTOR	3	2362172	E5F
RCR05G103JS	RESISTOR	1	2362188	E5F
RCR05G103JS	RESISTOR	3	2362172	E5F
RCR05G224JS	RESISTOR	1	2362188	E5F
RCR05G331JS	RESISTOR	2	2362172	E5F
RCR05G333JS	RESISTOR	3	2362188	E5F
RCR05G334JS	RESISTOR	1	2362188	E5F
RCR05G473JS	RESISTOR	2	2362187	E5F
RCR05G512JS	RESISTOR	2	2362183	E5F
RCR05G912JS	RESISTOR	4	2362183	E5F
RCR07G102JS	RESISTOR	1	2362188	E5F
RCR07G102JS	RESISTOR	4	2362174	E5F
RCR07G103JS	RESISTOR	3	2362188	E5F
RCR07G103JS	RESISTOR	1	2362188	E5F
RCR07G103JS	RESISTOR	10	2362179	E5F
RCR07G105JS	RESISTOR	1	2362188	E5F
RCR07G105JS	RESISTOR	1	2362170	E5F
RCR07G106JS	RESISTOR	1	2362188	E5F
RCR07G153JS	RESISTOR	1	2362188	E5F
RCR07G203JS	RESISTOR	1	2362188	E5F
RCR07G204JS	RESISTOR	1	2362170	E5F
RCR07G304JS	RESISTOR	1	2362170	E5F
RCR07G332JS	RESISTOR	1	2362188	E5F
RCR07G434JS	RESISTOR	1	2362170	E5F
RCR07G472JS	RESISTOR	1	2362188	E5F
RCR07G475JS	RESISTOR	1	2362188	E5F
RCR07G512JS	RESISTOR	4	2362188	E5F
RCR07G514JS	RESISTOR	1	2362170	E5F
RCR07G624JS	RESISTOR	1	2362170	E5F
RCR07G682JS	RESISTOR	1	2362188	E5F
RCR07G683JS	RESISTOR	1	2362186	E5F
RCR07G751JS	RESISTOR	6	2362183	E5F
RCR07G751JS	RESISTOR	1	2362176	E5F
RCR07G754JS	RESISTOR	1	2362170	E5F
RCR07G824JS	RESISTOR	1	2362170	E5F
RCR32G470JS	RESISTOR	2	2369014	E5F
RCR32G470JS	RESISTOR	2	2362154	E5F
RCR32G470JS	RESISTOR	2	2362176	E5F
RLR05C103GR	RESISTOR	28	2362189	E5F
RLR05C203GR	RESISTOR	1	2362189	E5F
RLR05C243GR	RESISTOR	4	2362183	E5F
RLR05C272GR	RESISTOR	1	2362189	E5F
RLR05C273GR	RESISTOR	1	2362189	E5F
RLR05C303GR	RESISTOR	1	2362189	E5F
RLR05C472GR	RESISTOR	2	2362189	E5F
RLR07C100GR	RESISTOR	2	2362176	E5F
RLR07C102GR	RESISTOR	1	2362175	E5F
RLR07C102GR	RESISTOR	3	2362176	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RLR07C103GR	RESISTOR	1	2362180	E5F
RLR07C103GR	RESISTOR	20	2362175	E5F
RLR07C103GR	RESISTOR	9	2362176	E5F
RLR07C104GR	RESISTOR	1	2362175	E5F
RLR07C113GR	RESISTOR	1	2362180	E5F
RLR07C123GR	RESISTOR	1	2362180	E5F
RLR07C150GR	RESISTOR	1	2362175	E5F
RLR07C151GR	RESISTOR	1	2362180	E5F
RLR07C200GR	RESISTOR	1	2362190	E5F
RLR07C202GR	RESISTOR	4	2362176	E5F
RLR07C202GR	RESISTOR	1	2362175	E5F
RLR07C203GR	RESISTOR	2	2362175	E5F
RLR07C242GR	RESISTOR	8	2362175	E5F
RLR07C270GR	RESISTOR	8	2362175	E5F
RLR07C272GR	RESISTOR	1	2362176	E5F
RLR07C273GR	RESISTOR	2	2362176	E5F
RLR07C302GR	RESISTOR	1	2362176	E5F
RLR07C303GRR	RESISTOR	1	2362180	E5F
RLR07C333GR	RESISTOR	2	2362176	E5F
RLR07C363GR	RESISTOR	2	2362176	E5F
RLR07C392GR	RESISTOR	2	2362176	E5F
RLR07C392GR	RESISTOR	1	2362175	E5F
RLR07C430GR	RESISTOR	1	2362190	E5F
RLR07C470GR	RESISTOR	1	2362176	E5F
RLR07C472GR	RESISTOR	1	2362176	E5F
RLR07C472GR	RESISTOR	2	2362175	E5F
RLR07C512GR	RESISTOR	9	2362175	E5F
RLR07C682GR	RESISTOR	1	2362174	E5F
RLR07C752GR	RESISTOR	1	2362180	E5F
RLR20C105GR	RESISTOR	1	2362175	E5F
RLR20C684GR	RESISTOR	1	2362176	E5F
RNR55C2870FR	RESISTOR	1	2369033	E5F
RNR55E1000FS	RESISTOR	1	2362185	E5F
RNR55E1001FS	RESISTOR	1	2362185	E5F
RNR55E1002DS	RESISTOR	1	2362183	E5F
RNR55E1002FS	RESISTOR	2	2362188	E5F
RNR55E1002FS	RESISTOR	1	2362185	E5F
RNR55E1002FS	RESISTOR	2	2362179	E5F
RNR55E1002FS	RESISTOR	1	2362170	E5F
RNR55E1002FS	RESISTOR	1	2362170	E5F
RNR55E1002FS	RESISTOR	2	2362183	E5F
RNR55E1002FS	RESISTOR	2	2362187	E5F
RNR55E1003DS	RESISTOR	5	2362467	E5F
RNR55E1003DS	RESISTOR	5	2362183	E5F
RNR55E1003DS	RESISTOR	1	2362183	E5F
RNR55E1003FS	RESISTOR	2	2362176	E5F
RNR55E1022FS	RESISTOR	2	2362176	E5F
RNR55E1022FS	RESISTOR	1	2362170	E5F
RNR55E1022FS	RESISTOR	1	2362176	E5F
RNR55E1022FS	RESISTOR	1	2362170	E5F
RNR55E1022FS	RESISTOR	2	2362188	E5F
RNR55E1051FS	RESISTOR	1	2362188	E5F
RNR55E1052FS	RESISTOR	1	2362170	E5F
RNR55E1052FS	RESISTOR	1	2362170	E5F
RNR55E1072FS	RESISTOR	1	2362170	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E1072FS	RESISTOR	1	2362176	E5F
RNR55E1072FS	RESISTOR	1	2362170	E5F
RNR55E1102FS	RESISTOR	1	2362170	E5F
RNR55E1102FS	RESISTOR	1	2362176	E5F
RNR55E1102FS	RESISTOR	1	2362170	E5F
RNR55E1132FS	RESISTOR	1	2362170	E5F
RNR55E1152FS	RESISTOR	1	2362170	E5F
RNR55E1152FS	RESISTOR	1	2362170	E5F
RNR55E1152FS	RESISTOR	1	2362176	E5F
RNR55E1173FR	RESISTOR	1	2362176	E5F
RNR55E1182FS	RESISTOR	1	2362170	E5F
RNR55E1212FS	RESISTOR	2	2369033	E5F
RNR55E1212FS	RESISTOR	1	2362176	E5F
RNR55E1212FS	RESISTOR	1	2362170	E5F
RNR55E1213FR	RESISTOR	1	2362187	E5F
RNR55E1213FR	RESISTOR	1	2362187	E5F
RNR55E1272FS	RESISTOR	1	2362176	E5F
RNR55E1272FS	RESISTOR	2	2362186	E5F
RNR55E1302FS	RESISTOR	1	2362190	E5F
RNR55E1302FS	RESISTOR	1	2362176	E5F
RNR55E1303FR	RESISTOR	1	2362183	E5F
RNR55E1332FS	RESISTOR	1	2362176	E5F
RNR55E1372FS	RESISTOR	1	2362176	E5F
RNR55E1372FS	RESISTOR	1	2362176	E5F
RNR55E1373FR	RESISTOR	1	2362183	E5F
RNR55E1402FS	RESISTOR	1	2362176	E5F
RNR55E1432FS	RESISTOR	1	2362176	E5F
RNR55E1433FR	RESISTOR	1	2362183	E5F
RNR55E1453FR	RESISTOR	1	2362183	E5F
RNR55E1472FS	RESISTOR	1	2362176	E5F
RNR55E1473FR	RESISTOR	1	2362180	E5F
RNR55E1502FS	RESISTOR	1	2362176	E5F
RNR55E1503FR	RESISTOR	1	2362183	E5F
RNR55E1503FR	RESISTOR	3	2362185	E5F
RNR55E1503FR	RESISTOR	1	2362183	E5F
RNR55E1542FS	RESISTOR	1	2362176	E5F
RNR55E1582FS	RESISTOR	1	2362176	E5F
RNR55E1583FR	RESISTOR	1	2362183	E5F
RNR55E1583FR	RESISTOR	1	2362183	E5F
RNR55E1622FS	RESISTOR	1	2362176	E5F
RNR55E1650FS	RESISTOR	1	2362190	E5F
RNR55E1652DS	RESISTOR	1	2362187	E5F
RNR55E1652DS	RESISTOR	1	2362176	E5F
RNR55E1652DS	RESISTOR	1	2362183	E5F
RNR55E1653FR	RESISTOR	1	2362183	E5F
RNR55E1653FR	RESISTOR	1	2352183	E5F
RNR55E1692FS	RESISTOR	1	2362176	E5F
RNR55E1743FR	RESISTOR	1	2362183	E5F
RNR55E1743FR	RESISTOR	1	2362183	E5F
RNR55E1743FR	RESISTOR	1	2362180	E5F
RNR55E1781FS	RESISTOR	1	2362176	E5F
RNR55E1781FS	RESISTOR	1	2362176	E5F
RNR55E1783FR	RESISTOR	1	2362180	E5F
RNR55E1821FS	RESISTOR	1	2362176	E5F
RNR55E1823FR	RESISTOR	1	2362183	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E1823FR	RESISTOR	1	2362180	E5F
RNR55E1823FR	RESISTOR	1	2362183	E5F
RNR55E1823FR	RESISTOR	1	2362188	E5F
RNR55E1871FS	RESISTOR	1	2362176	E5F
RNR55E1873FR	RESISTOR	1	2362180	E5F
RNR55E1911FS	RESISTOR	1	2362176	E5F
RNR55E1913FR	RESISTOR	1	2362183	E5F
RNR55E1913FR	RESISTOR	1	2362183	E5F
RNR55E1913FR	RESISTOR	1	2362180	E5F
RNR55E1961FS	RESISTOR	1	2362176	E5F
RNR55E2001FS	RESISTOR	1	2362176	E5F
RNR55E2002DS	RESISTOR	2	2362183	E5F
RNR55E2003FR	RESISTOR	1	2362187	E5F
RNR55E2003FR	RESISTOR	1	2362183	E5F
RNR55E2003FR	RESISTOR	1	2362183	E5F
RNR55E2003FR	RESISTOR	1	2362187	E5F
RNR55E2003FR	RESISTOR	2	2362190	E5F
RNR55E2051FS	RESISTOR	1	2362176	E5F
RNR55E2101FS	RESISTOR	1	2362176	E5F
RNR55E2151FS	RESISTOR	1	2362188	E5F
RNR55E2151FS	RESISTOR	1	2362176	E5F
RNR55E2152FS	RESISTOR	1	2362176	E5F
RNR55E2211FS	RESISTOR	1	2362176	E5F
RNR55E2211FS	RESISTOR	1	2369022	E5F
RNR55E2212FS	RESISTOR	2	2362188	E5F
RNR55E2262DS	RESISTOR	1	2362183	E5F
RNR55E2322FS	RESISTOR	1	2362176	E5F
RNR55E2431FS	RESISTOR	1	2362176	E5F
RNR55E2432FS	RESISTOR	1	2362176	E5F
RNR55E2552FS	RESISTOR	1	2362176	E5F
RNR55E2672FS	RESISTOR	1	2362187	E5F
RNR55E2672FS	RESISTOR	1	2362185	E5F
RNR55E2742FS	RESISTOR	1	2362188	E5F
RNR55E3012FS	RESISTOR	1	2362190	E5F
RNR55E3320FS	RESISTOR	1	2362190	E5F
RNR55E3322FS	RESISTOR	1	2362190	E5F
RNR55E3322FS	RESISTOR	1	2362185	E5F
RNR55E3572FS	RESISTOR	1	2362176	E5F
RNR55E3920FS	RESISTOR	2	2362180	E5F
RNR55E4020FS	RESISTOR	1	2362187	E5F
RNR55E4322FS	RESISTOR	1	2362180	E5F
RNR55E4530DS	RESISTOR	8	2362187	E5F
RNR55E4531FS	RESISTOR	1	2362188	E5F
RNR55E4751FS	RESISTOR	1	2362187	E5F
RNR55E4751FS	RESISTOR	1	2362190	E5F
RNR55E4751FS	RESISTOR	2	2362188	E5F
RNR55E4752FS	RESISTOR	3	2362188	E5F
RNR55E4810DS	RESISTOR	8	2362187	E5F
RNR55E4870DS	RESISTOR	8	2362187	E5F
RNR55E4930DS	RESISTOR	8	2362187	E5F
RNR55E4990DS	RESISTOR	16	2362187	E5F
RNR55E4991FS	RESISTOR	1	2362187	E5F
RNR55E4992DS	RESISTOR	2	2362183	E5F
RNR55E4992FS	RESISTOR	1	2362183	E5F
RNR55E4992FS	RESISTOR	1	2362188	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
RNR55E5050DS	RESISTOR	8	2362187	E5F
RNR55E5052FS	RESISTOR	1	2362176	E5F
RNR55E5110DS	RESISTOR	8	2362187	E5F
RNR55E5170DS	RESISTOR	8	2362187	E5F
RNR55E5230FS	RESISTOR	1	2362187	E5F
RNR55E5490DS	RESISTOR	8	2362187	E5F
RNR55E5902FS	RESISTOR	1	2362187	E5F
RNR55E6490FS	RESISTOR	1	2362190	E5F
RNR55E6812FS	RESISTOR	1	2362176	E5F
RNR55E7501FS	RESISTOR	1	2362187	E5F
RNR55E7502FS	RESISTOR	1	2362187	E5F
RNR55E82R5FS	RESISTOR	1	2362190	E5F
RNR55E9091FS	RESISTOR	1	2362170	E5F
RNR55E9092DS	RESISTOR	1	2362183	E5F
RNR55E9092FS	RESISTOR	2	2362185	E5F
RNR55E9311FS	RESISTOR	1	2362170	E5F
RNR55E9531FS	RESISTOR	1	2362170	E5F
RNR55E9761FS	RESISTOR	1	2362176	E5F
RNR55E9761FS	RESISTOR	1	2362170	E5F
RNR55E9761FS	RESISTOR	1	2362170	E5F
RNR55E9761FS	RESISTOR	1	2362176	E5F
RNR55K2053FR	RESISTOR	1	2362183	E5F
RNR55K2103FR	RESISTOR	1	2362183	E5F
RNR55K2103FR	RESISTOR	1	2362183	E5F
RNR55K2153FR	RESISTOR	1	2362183	E5F
RNR55K2213FR	RESISTOR	1	2362183	E5F
RNR55K2213FR	RESISTOR	1	2362188	E5F
RNR55K2213FR	RESISTOR	1	2362188	E5F
RNR55K2213FR	RESISTOR	1	2362183	E5F
RNR55K2323FR	RESISTOR	1	2362183	E5F
RNR55K2433FR	RESISTOR	1	2362183	E5F
RNR55K2553FR	RESISTOR	1	2362183	E5F
RNR55K2673FR	RESISTOR	1	2362188	E5F
RNR55K2673FR	RESISTOR	1	2362183	E5F
RNR55K2803FR	RESISTOR	1	2362183	E5F
RNR55K2943FR	RESISTOR	1	2362183	E5F
RNR57C1822FR	RESISTOR	1	2369033	E5F
RNR65E1004FS	RESISTOR	1	2362190	E5F
RNR65E5763DS	RESISTOR	1	2362180	E5F
RNR65E5833DS	RESISTOR	1	2362180	E5F
RNR65E5903DS	RESISTOR	1	2362180	E5F
RNR65E5973DS	RESISTOR	1	2362180	E5F
RNR65E6043DS	RESISTOR	1	2362180	E5F
RNR65E6123DS	RESISTOR	1	2362180	E5F
RNR65E6193DS	RESISTOR	1	2362180	E5F
RNR65E7153FS	RESISTOR	1	2362176	E5F
SM101G-1	MICROCKT	1	2362188	E5F
SM105G	MICROCKT	2	2362176	E5F
SM1186	TRANSISTOR	2	2362183	E5F
SM2N2905A	TRANSISTOR	1	2362176	E5F
SM2N2905A	TRANSISTOR	1	2362175	E5F
SM2N2907A	TRANSISTOR	1	2362180	E5F
SM2N2907A	TRANSISTOR	1	2362189	E5F
SM2N2907A	TRANSISTOR	1	2362190	E5F
SM2N2907A	TRANSISTOR	1	2362185	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
SM2N2907A	TRANSISTOR	5	2362176	E5F
S1N4942	DIODE	2	2362188	E5F
S1N4942	DIODE	34	2362175	E5F
S1N4942	DIODE	11	2362180	E5F
S1N4942	DIODE	4	2362187	E5F
S1N4942	DIODE		2362190	E5F
S1N4942	DIODE	9	2362176	E5F
S1N754A	DIODE	2	2369022	E5F
S1N755A	DIODE	8	2362183	E5F
S1N916B	DIODE	2	2362179	E5F
S1N916B	DIODE	8	2362175	E5F
S1N916B	DIODE	1	2362183	E5F
S1N916B	DIODE	6	2362188	E5F
S1N916B	DIODE	2	2362180	E5F
S1N916B	DIODE	5	2362176	E5F
S1N916B	DIODE	2	2362185	E5F
S1N963B	DIODE	1	2362175	E5F
S2N2060	TRANSISTOR	1	2362185	E5F
S2N2222A	TRANSISTOR	1	2362189	E5F
S2N2222A	TRANSISTOR	2	2362176	E5F
S2N3720	TRANSISTOR	1	2362176	E5F
S2N910	TRANSISTOR	8	2362175	E5F
S2N930	TRANSISTOR	1	2362176	E5F
2331210-5	CONN ASY	3	2345852	E5F
2331210-5	CONN AY	1	2345852	E5F
2340338-1	DIODE	1	2362183	E5F
2340338-1	DIODE	1	2362176	E5F
2340338-1	DIODE	1	2362180	E5F
2340338-1A	DIODE	1	2362185	E5F
2340338-1A	DIODE	1	2362190	E5F
2340338-10	DIODE	1	2362176	E5F
2340338-5	DIODE	1	2362188	E5F
2340338-5	DIODE	2	2362186	E5F
2340353-1	RESISTOR	1	2362176	E5F
2340353-1	RESISTOR	1	2362187	E5F
2340353-18	RESISTOR	2	2362187	E5F
2340353-21	RESISTOR	5	2362187	E5F
2340353-24	RESISTOR	2	2369033	E5F
2340353-8	RESISTOR	2	2362187	E5F
2340356-1	TRANSFORMER	1	2362180	E5F
2340363-1	DIODE ZENER	1	2362179	E5F
2340365-1	TRANSFORMER	1	2362180	E5F
2340368-1	MICROCKT	2	2362183	E5F
2340371-1	MCRCKT OP AMP	1	2362176	E5F
2340392-2	DIODE	1	2362186	E5F
2340395-2	DIODE	1	2362186	E5F
2340395-2	DIODE	1	2362481	E5F
2346201-1	MICROCKT	1	2362176	E5F
2346201-1	MICROCKT	3	2362172	E5F
2346201-1	MICROCKT	6	2362181	E5F
2346201-1	MICROCKT	10	2362174	E5F
2346201-10	FLIP FLOP	2	2362174	E5F
2346201-10	MICROCKT	1	2362172	E5F
2346201-11	MICROCKT	2	2362176	E5F
2346201-11	MICROCKT	6	2362181	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346201-11	MICROCKT	1	2362189	E5F
2346201-11	MICROCKT	1	2362172	E5F
2346201-12	MICROCKT	1	2362172	E5F
2346201-14	COUNTERS	5	2362174	E5F
2346201-14	MICROCKT	1	2362181	E5F
2346201-15	MICROCKT	3	2362181	E5F
2346201-16	MICROCKT	1	2362189	E5F
2346201-16	MICROCKT	1	2362176	E5F
2346201-16	MICROCKT	2	2362174	E5F
2346201-16	MICROCKT	2	2362172	E5F
2346201-16	MICROCKT	2	2362188	E5F
2346201-2	MICROCKT	3	2362181	E5F
2346201-2	MICROCKT	2	2362185	E5F
2346201-2	MICROCKT	2	2362184	E5F
2346201-2	MICROCKT	2	2362189	E5F
2346201-2	MICROCKT	3	2362183	E5F
2346201-2	MICROCKT	8	2362172	E5F
2346201-3	MICROCKT	1	2362172	E5F
2346201-3	MICROCKT	7	2362189	E5F
2346201-3	MICROCKT	1	2362183	E5F
2346201-3	MICROCKT	12	2362184	E5F
2346201-3	MICROCKT	1	2362181	E5F
2346201-3	NAND GATES	2	2362174	E5F
2346201-4	MICROCKT	1	2362181	E5F
2346201-4	NAND GATE	1	2362174	E5F
2346201-5	MICROCKT	1	2362188	E5F
2346201-6	MICROCKT	1	2362184	E5F
2346201-6	MICROCKT	4	2362189	E5F
2346201-7	MICROCKT	10	2362181	E5F
2346207-18	MICROCKT	1	2362174	E5F
2346207-3	MICROCKT	1	2362189	E5F
2346230-1	CAPACITOR	1	2362188	E5F
2346230-13	CAPACITOR	3	2362188	E5F
2346230-13	CAPACITOR	1	2362176	E5F
2346230-14	CAPACITOR	2	2362188	E5F
2346230-15	CAPACITOR	3	2362188	E5F
2346230-15	CAPACITOR	3	2362187	E5F
2346230-15	CAPACITOR	2	2362188	E5F
2346230-16	CAPACITOR	3	2362188	E5F
2346230-17	CAPACITOR	3	2362188	E5F
2346230-17	CAPACITOR	1	2362187	E5F
2346230-18	CAPACITOR	3	2362188	E5F
2346230-18	CAPACITOR	2	2362188	E5F
2346230-18	CAPACITOR	1	2362175	E5F
2346230-19	CAPACITOR	3	2362188	E5F
2346230-19	CAPACITOR	2	2362188	E5F
2346230-20	CAPACITOR	3	2362188	E5F
2346230-21	CAPACITOR	2	2362188	E5F
2346230-21	CAPACITOR	3	2362188	E5F
2346230-23	CAPACITOR	2	2362188	E5F
2346230-23	CAPACITOR	3	2362188	E5F
2346230-24	CAPACITOR	3	2362188	E5F
2346230-24	CAPACITOR	1	2362180	E5F
2346230-24	CAPACITOR	2	2362188	E5F
2346230-25	CAPACITOR	13	2362172	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346230-25	CAPACITOR	2	2362183	E5F
2346230-25	CAPACITOR	1	2362188	E5F
2346230-25	CAPACITOR	2	2362188	E5F
2346230-25	CAPACITOR	3	2362188	E5F
2346230-25	CAPACITOR	1	2362187	E5F
2346230-25	CAPACITOR	1	2362175	E5F
2346230-37	CAPACITOR	1	2362180	E5F
2346230-49	CAPACITOR	1	2362172	E5F
2346230-49	CAPACITOR	1	2362176	E5F
2346230-5	CAPACITOR	4	2362176	E5F
2346230-5	CAPACITOR	1	2362190	E5F
2346230-5	CAPACITOR	2	2362188	E5F
2346230-5	CAPACITOR	1	2362186	E5F
2346230-5	CAPACITOR	1	2362185	E5F
2346230-8	CAPACITOR	5	2362176	E5F
2346230-8	CAPACITOR	1	2362188	E5F
2346230-8	CAPACITOR	1	2362190	E5F
2346230-8	CAPACITOR	1	2362186	E5F
2346230-8	CAPACITOR	1	2362185	E5F
2346230-9	CAPACITOR	1	2369033	E5F
2346230-9	CAPACITOR	3	2362188	E5F
2346230-9	CAPACITOR	2	2362176	E5F
2346231-10	CAPACITOR	1	2369022	E5F
2346231-12	CAPACITOR	1	2369014	E5F
2346231-12	CAPACITOR	2	2362176	E5F
2346231-12	CAPACITOR	1	2369033	E5F
2346231-15	CAPACITOR	1	2362187	E5F
2346231-2	CAPACITOR	1	2362188	E5F
2346231-2	CAPACITOR	1	2362180	E5F
2346231-20	CAPACITOR	1	2362175	E5F
2346231-24	CAPACITOR	1	2362185	E5F
2346231-24	CAPACITOR	4	2362176	E5F
2346231-24	CAPACITOR	1	2362188	E5F
2346231-24	CAPACITOR	1	2362180	E5F
2346231-28	CAPACITOR	1	2362183	E5F
2346231-28	CAPACITOR	1	2369033	E5F
2346231-3	CAPACITOR	1	2369033	E5F
2346231-32	CAPACITOR	1	2362176	E5F
2346231-32	CAPACITOR	2	2362190	E5F
2346231-32	CAPACITOR	2	2362185	E5F
2346231-36	CAPACITOR	2	2362189	E5F
2346231-36	CAPACITOR	10	2362183	E5F
2346231-36	CAPACITOR	9	2362175	E5F
2346231-36	CAPACITOR	9	2362180	E5F
2346231-36	CAPACITOR	4	2362187	E5F
2346231-36	CAPACITOR	8	2369014	E5F
2346231-36	CAPACITOR	11	2362176	E5F
2346231-36	CAPACITOR	2	2362172	E5F
2346231-36	CAPACITOR	2	2362181	E5F
2346231-36	CAPACITOR	4	2369033	E5F
2346231-36	CAPACITOR	1	2362190	E5F
2346231-36	CAPACITOR	1	2362186	E5F
2346231-36	CAPACITOR	4	2362179	E5F
2346231-8	CAPACITOR	1	2362180	E5F
2346233-5	CAPACITOR	5	2362179	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346233-5	CAPACITOR	7	2362183	E5F
2346233-8	CAPACITOR	5	2362179	E5F
2346233-8	CAPACITOR	7	2362183	E5F
2346233-9	CAPACITOR	1	2362183	E5F
2346234-4	CAPACITOR	2	2362181	E5F
2346240-12	CAPACITOR	1	2362175	E5F
2346240-30	CAPACITOR	1	2362174	E5F
2346240-44	CAPACITOR	3	2362175	E5F
2346240-44	CAPACITOR	1	2362176	E5F
2346240-45	CAPACITOR	1	2362190	E5F
2346247-17	CAPACITOR	1	2362187	E5F
2346247-20	CAPACITOR	2	2362187	E5F
2346247-22	CAPACITOR	2	2362187	E5F
2346247-30	CAPACITOR	2	2362188	E5F
2346247-5	CAPACITOR	1	2362187	E5F
2346252-1	TRANSISTOR	3	2362188	E5F
2346257-1	TRANSISTOR	1	2362175	E5F
2346259-3	MANGANIN		2345852	E5F
2346264-1	RELAY	2	2362187	E5F
2346264-1	RELAY	8	2362175	E5F
2346264-1	RELAY	3	2362176	E5F
2346264-1	RELAY	1	2362188	E5F
2346264-1	RELAY	6	2362190	E5F
2346270-2	OP AMP	1	2362185	E5F
2346270-2	MICROCKT	7	2362183	E5F
2346270-2	MICROCKT	1	2340371-1	E5F
2346270-2	OP AMP	1	2362190	E5F
2346270-2	MICROCKT	3	2362176	E5F
2346270-2	MICROCKT	3	2362188	E5F
2346270-2	MICROCKT	5	2362179	E5F
2346271-2	OP AMP	3	2362187	E5F
2346271-2	AMPLIFIER	1	2369033	E5F
2346272-1	MICROCKT	1	2362183	E5F
2346272-1	OP AMP	2	2362187	E5F
2346273-10	VOLT REF	2	2362185	E5F
2346273-12	MICROCKT	4	2362176	E5F
2346273-12	DIODE	4	2362188	E5F
2346273-12	MICROCKT	1	2362179	E5F
2346273-13	VOLT REF	3	2362190	E5F
2346273-13	MICROCKT	2	2362176	E5F
2346274-1	MICROCKT	5	2362179	E5F
2346274-2	MICROCKT	2	2362188	E5F
2346275-1	MICROCKT	2	2362174	E5F
2346275-2	MICROCKT	5	2362172	E5F
2346279-1	TRANSISTOR	2	2362180	E5F
2346279-1	TRANSISTOR	1	2362175	E5F
2346280-1	TRANSFORMER	2	2362188	E5F
2346281-1	TRANSFORMER	1	2362188	E5F
2346285-1	TRANSISTOR	3	2362180	E5F
2346289-1	RESISTOR	1	2362179	E5F
2346289-10	RESISTOR	1	2362179	E5F
2346289-11	RESISTOR	2	2362179	E5F
2346289-12	RESISTOR	2	2362179	E5F
2346289-13	RESISTOR	2	2362179	E5F
2346289-14	RESISTOR	2	2362179	E5F

PART NO	PART NAME	QTY	NEXT ASSY NO	EFF
2346289-15	RESISTOR	2	2362179	E5F
2346289-16	RESISTOR	2	2362179	E5F
2346289-17	RESISTOR	2	2362179	E5F
2346289-18	RESISTOR	2	2362179	E5F
2346289-19	RESISTOR	2	2362179	E5F
2346289-2	RESISTOR	1	2362179	E5F
2346289-20	RESISTOR	2	2362179	E5F
2346289-21	RESISTOR	2	2362179	E5F
2346289-22	RESISTOR	2	2362179	E5F
2346289-23	RESISTOR	2	2362179	E5F
2346289-24	RESISTOR	2	2362179	E5F
2346289-25	RESISTOR	2	2362179	E5F
2346289-26	RESISTOR	2	2362179	E5F
2346289-27	RESISTOR	2	2362179	E5F
2346289-28	RESISTOR	2	2362179	E5F
2346289-29	RESISTOR	2	2362179	E5F
2346289-3	RESISTOR	1	2362179	E5F
2346289-30	RESISTOR	2	2362179	E5F
2346289-31	RESISTOR	2	2362179	E5F
2346289-32	RESISTOR	2	2362179	E5F
2346289-33	RESISTOR	2	2362179	E5F
2346289-34	RESISTOR	2	2362179	E5F
2346289-4	RESISTOR	1	2362179	E5F
2346289-5	RESISTOR	1	2362179	E5F
2346289-6	RESISTOR	1	2362179	E5F
2346289-7	RESISTOR	1	2362179	E5F
2346289-8	RESISTOR	1	2362179	E5F
2346289-9	RESISTOR	1	2362179	E5F
2346290-1	RESISTOR	1	2362179	E5F
2346291-10	DIODE	1	2362176	E5F
2346291-21	DIODE	1	2362176	E5F
2346291-8	DIODE	1	2362179	E5F
2346291-8	DIODE	1	2362185	E5F
2346291-8	DIODE	1	2362188	E5F
2346291-8	DIODE	1	2362183	E5F
2346291-9	DIODE	1	2362190	E5F
2346297-1	DECODER	2	2362172	E5F

RNR55E1962FS	RESISTOR	1	2362176	E5F
RNR55E1962FS	RESISTOR	1	2362472	E5F
RNR55E1962FS	RESISTOR	1	2362187	E5F
RNR55E1963FR	RESISTOR	1	2362180	E5F



**Aerospace
Systems Division**

**ALSEP
EEE COMPOSITE PARTS LIST**

NO.	REV. NO.
ATM-1033	A
PAGE 48	OF
DATE 8/18/72	

TABLE III

**COMMAND RECEIVER
(MOTOROLA)**

MOTOROLA INC. Government Electronics Division MOTOROLA INC. CHAS.		PARTS CONTROL LIST (PCL)		CHK BY B.W. STANTS DATE 1-3-70		PCL 88-P11253B		E	
NOMENCLATURE ALSEP		APPD BY H. BATES DATE 4-3-70		SHEET 2 OF 6 SHEETS		RELEASE MEMO		PROJECT 3875	
CODE IDENT 94990									
MOTOROLA PART DOC NO.	MIL VENDOR TYPE NO.	DESCRIPTION	APPROVED VENDORS	QUAL STATUS	SPECIFICATION	REMARKS			
N/A	RCR05G	Resistor, Carbon, Comp.	AB	185	M	Level S			
	RCR07	RESISTOR CARBON COMP.		2					
N/A	RNR53C & 57C	Resistor, Film 1/2	Mapco	42	M	Level S			
06-P14404A	TG 1/8 & TM 1/8	Sensistor	TI	3	R				
21-P11258B	WQM20M10	Capacitor, Mica	Elanco	52	C	B & C Waived			
	JMC 5221, 5222	Capacitor, Variable Air	Johanson	12	C	ST10251, -11 -9 (JPL)			
N/A	ECY 10	Capacitor, Glass	Corning	60	C				
N/A	CKR05BX, CKR06BX	Capacitor, Ceramic	Aerovox	100	M	Level R			
N/A	CSR 13	Capacitor, Tant, Polar	Dickson	4	M	Level R			
N/A	CLR65	Capacitor, Tant, Polar	Sprague	2	M	Level M			
21-P11257B	HRMC & HRSC	Capacitor, Ceramic	Aerovox	58	C				
	Series								
21-P16065A	2953-000	Capacitor, Feedthru, Mica	Erie	2	R				
25-P14433A	1250-003	Filter, Feedthru	Erie	23	C				
52-P16063A	110.9631 MHz	Crystal	McCoy	2	C				
24-P1443A	1025	Coil, RF	Delevan	20	C				
24-P1420B		Coil, RF		19					
24-P12530B	N/A	Coil, RF	Kot	2	R				

KC244-02 1/69

QUAL STATUS: C - CUSTOMER APPROVED PART
M - MIL

S - STANDARDS PARTS (MOT.)
R - R & C BACKUP

E - QUALIFICATION OF EQUIPMENT
N - NO BACKUP

*AS SPECIFIED IN
MOTOROLA STD.

B - MAYBE
C - YES

MOTOROLA INC. Government Electronics Division		PARTS CONTROL LIST (PCL)		CHK BY B.W. STANTS	DATE 4-3-70	PCL 88-P112538	D
NOMENCLATURE ALSEP		APPD BY H.B. UATES		DATE 4-3-70	SHEET 3 OF 6 SHEETS RELEASE MEMO PROJECT		REV
VOTOROLA PART DOC NO.		MIL VENDOR TYPE NO	DESCRIPTION	APPROVED VENDORS	QUAL STATUS	SPECIFICATION REMARKS	
N/A	S11755A	Diode, Zener 7.5 V	QPL	C 2	M		
N/A	S1N753A	Diode, Zener 5.2 V	QPL	C 1	M		
N/A	JAN TXIN3064	Diode, Signal	QPL	A 12	M		
48-P16069A	5082-0112	Diode, Step Recovery	HPA	B 2	R		
48-P16070A	5082-2401	Diode, Schotky	HPA	B 4	R		
48-P11266B	JAN1N4376	Diode, Switching	QPL	A 8	M		
N/A	JAN TX 2N2219A	Transistor, NPN, Switch	QPL	A	M		
N/A	JAN TX 2N2222A	Transistor, NPN, Switch	TI	A 9	M		
N/A	JAN TX 2N2857	Transistor, NPN, RF-IF	RCA	A 12	M		
N/A	2N3049	Transistor, Dual PNP	TI, Fairchild	C 4	C	11D 472-0542-006 (Latest Rev.)	
N/A	JAN TX 2N2907A	Transistor, PNP, Switch	QPL	A 3	M		
N/A	S2N930	Transistor, NPN, Switch	QPL	C 2	M		

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K0244-02 1/69

QUAL STATUS: C - CUSTOMER APPROVED PART
M - MIL

S - STANDARDS PARTS (MOT.)
R - R & C BACKUP

E - QUALIFICATION OF EQUIPMENT
N - NO BACKUP

*AS SPECIFIED IN
MOTOROLA STD.

311



MOTOROLA INC.
Government Electronics Division
MOTOROLA AND ORAL

PARTS CONTROL LIST (PCL)

NOMENCLATURE

ALSEP

CHK BY
C.W. STANTS

DATE
4-3-70

PCL 88-P112538

E

APPD BY
C.W. STANTS

DATE
4-3-70

SHEET 1 OF 6 SHEETS
RELEASE MEMO PROJECT

3875

CODE IDENT 94990

MOTOROLA PART DGC NO.	MIL VENDOR TYPE NO.	DESCRIPTION	APPROVED VENDORS	QUAL STATUS	SPECIFICATION REMARKS
51-P16071A	MC-159	IC Amplifier	Mot-GED C B	R	
51-P16072A	MC-236	IC Multiplier	Mot-GED C 4	R	
51-P16073A	SC-4057M	IC Discriminator	Mot-GED C 2	R	
N/A	U5F7715312-B	715 Op Amp	AMD C	R	With Grp A, B & C per R.F.C.
N/A	U537741312UNO	ua 741 Op Amp	Fairchild C B	C	MIL-STD-883
N/A	WST0038M20BVH	Multi-pin Connector	Hughes	C	
N/A	QSM 215	RF Connectors	Omni Spectra	C	
N/A	Con Hex Series	RF Connectors	Sealectro	R	
	50-047-0000			2	
	50-028-0039			2	
	50-007-3702			2	
28-P11418B		CONNECTOR, MOD		2	
28-P11421B		CONNECTOR, MOD		2	
28-P11415B		CONNECTOR, MOD		2	

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KC264-02 1/69

DUAL STATUS C - CUSTOMER APPROVED PART
M - MIL

S - STANDARDS PARTS (MOT.)
R - R & C BACKUP

E - QUALIFICATION OF EQUIPMENT
N - NO BACKUP

*AS SPECIFIED IN
MOTOROLA STD



**Aerospace
Systems Division**

**ALSEP
EEE COMPOSITE PARTS LIST**

NO.	REV. NO.
ATM-1033	A
PAGE <u>53</u> OF <u> </u>	
DATE 8/18/72	

**TABLE III
DATA TRANSMITTER
(TELEDYNE)**

EFFECTIVITY

LTR

REVISIONS

DESCRIPTION

DATE

APPROVED

9-29-71

CK'd against 9-17-71 Arch. Schema

REV

SHEET

REV STATUS

REV

D

D

C

C

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OF SHEETS

SHEET

1

2

3

4

5

6

7

8

9

10

N/C 2/19

A 3/4

B 3/26

C 4/16

D 4/26

NEXT ASSY

USED ON

APPLICATION

INTERPRET THIS DRAWING
PER STANDARDS IN
MIL-D-70327

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE
IN INCHES

DECIMAL
 .XX * .01
 .XXX * .005
 FRACTIONS * 1/64
 ANGULAR * 0°30'

MATERIAL

CONTR NO.

4002

APPROVALS

DATE

DRAWN BY J.T.W.

2/19/71

CHECKER

APPROVAL

3/4/71

APPROVAL

DESIGN ACTIVITY APPROVAL

CONTRACTOR APPROVAL



TELEDYNE TELEMETRY COMPANY

AEROSPACE DIVISION • LOS ANGELES, CALIF.

RELIABILITY TEST PARTS LIST FOR
PSK TRANSMITTER

SIZE

A

CODE IDENT NO.

22406

2003235

REV

D

SCALE

DO NOT SCALE DRAWING

SHEET 1 of 10

ITEM NO.	QTY	PART NO.	DESCRIPTION	DOR OR SPEC	ADDRESS	MISC
1		2005150	Transmitter Housing Assy	TTC		
2		2005198-1	Filter, RFL, 1500 pF	Erie, 1250-700	✓ FL1, 2	
1		2005200-38-1	Capacitor, 67pF±10, 300V	JFD	C3 (66pf) TCM	
1		2005200-4-1	T&C Capacitor, 3.9 pF nom.	JFD	✓ C1 (2.7pf)	
1		S1N758A	Diode	Dickson MSFC85MO1308	✓ CA1 TCM	
1		2005287-1	Connector, OSM 220	Omni-Spectra	✓ J2	
1		2005286-1	MS27478Y806P Connector, 6P	Bendix	✓ J1	
1		2005288-1	Thermistor, GA44L2	Fenwal	✓ RT1	
1		2346217-6	Connector, Receptacle	Hughes	✓ J-201	
1		2005286-2	Connector, Socket	Bendix	✓ J2	
1		2005287-2	Connector, Plug, 201-2A	Omni-Spectra	✓ PL	
1		RCR05G243JS	Res., 24K ± 5%, 1/8W	A-B, MIL-R-39008/4	✓ R1	
2		RCR05G103JS	Res., 10K ± 5%, 1/8W	A-B, MIL-R-39008/4	✓ R3, 4	

SIZE

A

SCALE

CODE IDENT NO.

22406

DO NOT SCALE DRAWING

2003235

SHEET

2

REV

D

YTC 602-A10

ITEM NO.	PART NO.	DESCRIPTION	ENDOR OR SPEC	ADDRESS	MISC
1	2005170	Synthesizer	TTC		
2	RCR05G 103JS	Resistor, 10K±5%, 1/8 W	A-B MIL-R-39008/4		
1	↑ 112JS	↑ 1.1K	↑	↑	
1	113JS	T&C 11K			
5	123JS	12KΩ			
4	151JS	150Ω			
1	152JS	1.5K			
1	161JS	160Ω			
3	181JS	180Ω			
2	203JS	20KΩ			
1	270JS	27Ω			
2	272JS	2.7K			
2	360JS	360Ω			
3	431JS	430Ω			
1	471JS	470Ω			
2	821JS	820Ω			
1	↓ 912JS	9.1K	↓	↓	
2	RCR05G ---JS	Resistor, T&C ±5%, 1/8W	A-B, MIL-R-39008/4		

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4874

TTC 602-A10

SIZE A	CODE IDENT NO. 22406	2003235	REV C
SCALE	DO NOT SCALE DRAWING	SHEET	4

ITEM NO.	PART NO.	DESCRIPTION	ENDOR OR SPEC	ADDRESS	MISC
2	2005200 -1-1	Capacitor, 0.5 pF, 300V	JFD		
2	↑ -3-1	↑ 1.5 pF	↑		
1	-4-1	2.2 pF			
2	-6-1	T&C 3.0 pF nom.			
1	-13-1	5.6 pF			
3	-12-1	5.1 pF			
2	-18-1	9.1 pF			
1	-19-1	10 pF			
1	-25-1	18 pF			
3	-27-1	22 pF			
1	-28-1	24 pF			
2	-38-1	62 pF nom.			
2	2005200 -40-1	Capacitor, 300 pF	JFD		
13	2005201-1	Cap., .015 μ F $\pm$ 20%, 50V	U. S. Capacitor Corp.		
12	2005388	Cap., Variable	Johanson		

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SIZE

A

CODE IDENT NO.

22406

REV

D

2003235

SCALE

DO NOT SCALE DRAWING SHEET

5

TTC 602-A10

ITEM NO.	PART NO.	DESCRIPTION	ENDOR OR SPEC	ADDRESS	MISC
2	2005205-6	Choke, 3.3 μ H	Delevan		
1	S1N827A	Zener Diode	Dickson, MFSC85MO1678		
1	2005205-5	RF Coil, .68 μ H	Delevan		
2	2005207-1-3	Transistor, 2N4959	Motorola		
3	S2N918	Transistor, S2N918	T.I., MFSC85MO1674		
2	S2N2222A	Transistor, S2N2222	T.I., MFSC85MO2699		
1	SM54L00F	Nand Gate, Quad-2 Input	T.I.		
4	2005205-1	Choke, RF, 0.1 μ H	Delevan		
2	2005205-2	Choke, RF, .15 μ H	Delevan		
1	2005213-1-2	Crystal, 95 MHz	McCoy		
2	2005205-4	Choke, .47 μ H	Delevan		
1	2005204-5	Choke, Air Core	TTC		
1	2005204-3	Choke, Air Core	TTC		
1	2005204-4	Choke, Air Core	TTC		
2	RCR07G272JS	Resistor, 2.7K $\pm$ 5%, 1/4W	A-B		
2	2005204-7	Choke, Air Core	TTC		
2	M39003/01-3076	Cap., 1.0 μ F, 50V			
3	2005270-XY *	Cap., T&C	JFD		
* MULTIPLE USAGE			SIZE A	CODE IDENT NO. 22406	2003235
			SCALE	DO NOT SCALE DRAWING	SHEET 6
			REV D		

ITC 602-A10



ITEM NO.	PART NO.	DESCRIPTION	ENDOR OR SPEC	ADDRESS	MISC
1	2005190	Multiplier-Isofilter	TTC		
1	RCR07GF823 FS	Resistor, 82K $\pm 5\%$, 1/4W	A-B, MIL-R-39008/1		
1	2005200 -12 -1	Cap. 5.1 pF	JFD		
1	2005200 -5 -1	Cap. 2.7 pF	JFD		
1	2005200 -7-1	Cap. 3.3 pF	JFD		
1	2005285 -1-1	Diode, Step-Recovery	Hewlett - Packard		
2	2005388	Cap., Variable	Johanson		
1	2005204 -6	Choke, Air core	TTC	602, 602	
1	2005191	Iso-Filter	Sterling Ind.		

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SIZE A	CODE IDENT NO. 22406	2003235	RT D
SCALE	DO NOT SCALE DRAWING	SHEET	10

TTC 602-A10



**Aerospace
Systems Division**

**ALSEP
EEE COMPOSITE PARTS LIST**

NO.	REV. NO.
ATM-1033	A
PAGE <u>64</u> OF <u> </u>	
DATE 8/18/72	

TABLE III

**LEAM
(TIME - ZERO)**

APPLICATION		PARTS DISPOSITION					DWG. NO.		REV	
TEXT ASSY	FINAL ASSY	1. USE	2. REMOVED	3. CANNOT BE REWORKED	4. RECORD	5.	10120006			
REVISIONS										
DISP	EFF	REV	DESCRIPTION				BY	CHK	DATE	APPRO
4	RCO	A	Page 3: Part numbers on items 4,5,6 revised to conform to manufacturer's latest numbering system Page 8: Items 11, 12, 13 added				A.L.	John	12/14/71	2/11/72
4	RCO	B	Page 3: Added Items 7, 8; changed Items 4 and 6; Page 4: Item 4 was FCT1121; Page 6: Scr. Spec. changed; Page 7: Item 8 added; Item 4 Deleted, Quantities added throughout, Page 8; added Items 14 and 15; added Page 9, Items 1 thru 11;				John	12/14/71	2/11/72	
4	RCO	C	Complete Revision to Update to PDR				John	12/14/71	3-9-72	2/11/72
4	RCO	D	Sh. 2: Note 7 added. Sh. 3: Changed Mfr. to QPL for CKR's and CSR's. Sh. 4: Item 4 was S1N4568A; changed Proc. Spec. Sh. 6: Added Proc. Spec No. to thermistors. Sh. 7: Items 8 & 9: deleted quantities. Sh. 8: 2N2219A deleted; TZ2N3384 was TZ 8701.				John	12/14/71	2/11/72	
4	RCO	E	Sheet 2: Note 6 deleted. NSPAR No.'s added in Remarks. Sh. 6: Item 1, Quan. revised; Item 2 deleted. Item 2 was 1. Sheet 9: Revised				John	12/14/71	5-25-72	2/11/72

Distribution: Code C

SHEET	REV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
INDEX	SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
INTERPRET THIS DRAWING PER STANDARD SAE MIL-D-1000 DIMENSIONS ARE IN INCHES TOLERANCES ON		CONTRACT NO. 832		DRAWN BY: J. L. Latham		12/14/71		CHECKED BY: John Cooper		12/14/71		MECH ENGR		ELECT ENGR		12/14/71		PROD MGR		12/14/71	
DECIMALS ± .01 ± .03 ± .010		ANGLES ± 0° 30'		TITLE		Component Parts List Bendix LEAM Experiment															
SURFACE ROUGHNESS		SIZE		CODE IDENT NO.		DWG NO.		REV													
HOLE DIA 0.125 ± .005 0.1875 ± .005 0.250 ± .005 0.3125 ± .005 0.375 ± .005 0.4375 ± .005 0.500 ± .005 0.5625 ± .005 0.625 ± .005 0.6875 ± .005 0.750 ± .005 0.8125 ± .005 0.875 ± .005 0.9375 ± .005 1.000 ± .005 1.125 ± .005 1.250 ± .005 1.375 ± .005 1.500 ± .005 1.625 ± .005 1.750 ± .005 1.875 ± .005 2.000 ± .005 2.125 ± .005 2.250 ± .005 2.375 ± .005 2.500 ± .005 2.625 ± .005 2.750 ± .005 2.875 ± .005 3.000 ± .005 3.125 ± .005 3.250 ± .005 3.375 ± .005 3.500 ± .005 3.625 ± .005 3.750 ± .005 3.875 ± .005 4.000 ± .005 4.125 ± .005 4.250 ± .005 4.375 ± .005 4.500 ± .005 4.625 ± .005 4.750 ± .005 4.875 ± .005 5.000 ± .005 5.125 ± .005 5.250 ± .005 5.375 ± .005 5.500 ± .005 5.625 ± .005 5.750 ± .005 5.875 ± .005 6.000 ± .005 6.125 ± .005 6.250 ± .005 6.375 ± .005 6.500 ± .005 6.625 ± .005 6.750 ± .005 6.875 ± .005 7.000 ± .005 7.125 ± .005 7.250 ± .005 7.375 ± .005 7.500 ± .005 7.625 ± .005 7.750 ± .005 7.875 ± .005 8.000 ± .005 8.125 ± .005 8.250 ± .005 8.375 ± .005 8.500 ± .005 8.625 ± .005 8.750 ± .005 8.875 ± .005 9.000 ± .005 9.125 ± .005 9.250 ± .005 9.375 ± .005 9.500 ± .005 9.625 ± .005 9.750 ± .005 9.875 ± .005 10.000 ± .005 10.125 ± .005 10.250 ± .005 10.375 ± .005 10.500 ± .005 10.625 ± .005 10.750 ± .005 10.875 ± .005 11.000 ± .005 11.125 ± .005 11.250 ± .005 11.375 ± .005 11.500 ± .005 11.625 ± .005 11.750 ± .005 11.875 ± .005 12.000 ± .005 12.125 ± .005 12.250 ± .005 12.375 ± .005 12.500 ± .005 12.625 ± .005 12.750 ± .005 12.875 ± .005 13.000 ± .005 13.125 ± .005 13.250 ± .005 13.375 ± .005 13.500 ± .005 13.625 ± .005 13.750 ± .005 13.875 ± .005 14.000 ± .005 14.125 ± .005 14.250 ± .005 14.375 ± .005 14.500 ± .005 14.625 ± .005 14.750 ± .005 14.875 ± .005 15.000 ± .005 15.125 ± .005 15.250 ± .005 15.375 ± .005 15.500 ± .005 15.625 ± .005 15.750 ± .005 15.875 ± .005 16.000 ± .005 16.125 ± .005 16.250 ± .005 16.375 ± .005 16.500 ± .005 16.625 ± .005 16.750 ± .005 16.875 ± .005 17.000 ± .005 17.125 ± .005 17.250 ± .005 17.375 ± .005 17.500 ± .005 17.625 ± .005 17.750 ± .005 17.875 ± .005 18.000 ± .005 18.125 ± .005 18.250 ± .005 18.375 ± .005 18.500 ± .005 18.625 ± .005 18.750 ± .005 18.875 ± .005 19.000 ± .005 19.125 ± .005 19.250 ± .005 19.375 ± .005 19.500 ± .005 19.625 ± .005 19.750 ± .005 19.875 ± .005 20.000 ± .005 20.125 ± .005 20.250 ± .005 20.375 ± .005 20.500 ± .005 20.625 ± .005 20.750 ± .005 20.875 ± .005 21.000 ± .005 21.125 ± .005 21.250 ± .005 21.375 ± .005 21.500 ± .005 21.625 ± .005 21.750 ± .005 21.875 ± .005 22.000 ± .005 22.125 ± .005 22.250 ± .005 22.375 ± .005 22.500 ± .005 22.625 ± .005 22.750 ± .005 22.875 ± .005 23.000 ± .005 23.125 ± .005 23.250 ± .005 23.375 ± .005 23.500 ± .005 23.625 ± .005 23.750 ± .005 23.875 ± .005 24.000 ± .005 24.125 ± .005 24.250 ± .005 24.375 ± .005 24.500 ± .005 24.625 ± .005 24.750 ± .005 24.875 ± .005 25.000 ± .005 25.125 ± .005 25.250 ± .005 25.375 ± .005 25.500 ± .005 25.625 ± .005 25.750 ± .005 25.875 ± .005 26.000 ± .005 26.125 ± .005 26.250 ± .005 26.375 ± .005 26.500 ± .005 26.625 ± .005 26.750 ± .005 26.875 ± .005 27.000 ± .005 27.125 ± .005 27.250 ± .005 27.375 ± .005 27.500 ± .005 27.625 ± .005 27.750 ± .005 27.875 ± .005 28.000 ± .005 28.125 ± .005 28.250 ± .005 28.375 ± .005 28.500 ± .005 28.625 ± .005 28.750 ± .005 28.875 ± .005 29.000 ± .005 29.125 ± .005 29.250 ± .005 29.375 ± .005 29.500 ± .005 29.625 ± .005 29.750 ± .005 29.875 ± .005 30.000 ± .005 30.125 ± .005 30.250 ± .005 30.375 ± .005 30.500 ± .005 30.625 ± .005 30.750 ± .005 30.875 ± .005 31.000 ± .005 31.125 ± .005 31.250 ± .005 31.375 ± .005 31.500 ± .005 31.625 ± .005 31.750 ± .005 31.875 ± .005 32.000 ± .005 32.125 ± .005 32.250 ± .005 32.375 ± .005 32.500 ± .005 32.625 ± .005 32.750 ± .005 32.875 ± .005 33.000 ± .005 33.125 ± .005 33.250 ± .005 33.375 ± .005 33.500 ± .005 33.625 ± .005 33.750 ± .005 33.875 ± .005 34.000 ± .005 34.125 ± .005 34.250 ± .005 34.375 ± .005 34.500 ± .005 34.625 ± .005 34.750 ± .005 34.875 ± .005 35.000 ± .005 35.125 ± .005 35.250 ± .005 35.375 ± .005 35.500 ± .005 35.625 ± .005 35.750 ± .005 35.875 ± .005 36.000 ± .005 36.125 ± .005 36.250 ± .005 36.375 ± .005 36.500 ± .005 36.625 ± .005 36.750 ± .005 36.875 ± .005 37.000 ± .005 37.125 ± .005 37.250 ± .005 37.375 ± .005 37.500 ± .005 37.625 ± .005 37.750 ± .005 37.875 ± .005 38.000 ± .005 38.125 ± .005 38.250 ± .005 38.375 ± .005 38.500 ± .005 38.625 ± .005 38.750 ± .005 38.875 ± .005 39.000 ± .005 39.125 ± .005 39.250 ± .005 39.375 ± .005 39.500 ± .005 39.625 ± .005 39.750 ± .005 39.875 ± .005 40.000 ± .005 40.125 ± .005 40.250 ± .005 40.375 ± .005 40.500 ± .005 40.625 ± .005 40.750 ± .005 40.875 ± .005 41.000 ± .005 41.125 ± .005 41.250 ± .005 41.375 ± .005 41.500 ± .005 41.625 ± .005 41.750 ± .005 41.875 ± .005 42.000 ± .005 42.125 ± .005 42.250 ± .005 42.375 ± .005 42.500 ± .005 42.625 ± .005 42.750 ± .005 42.875 ± .005 43.000 ± .005 43.125 ± .005 43.250 ± .005 43.375 ± .005 43.500 ± .005 43.625 ± .005 43.750 ± .005 43.875 ± .005 44.000 ± .005 44.125 ± .005 44.250 ± .005 44.375 ± .005 44.500 ± .005 44.625 ± .005 44.750 ± .005 44.875 ± .005 45.000 ± .005 45.125 ± .005 45.250 ± .005 45.375 ± .005 45.500 ± .005 45.625 ± .005 45.750 ± .005 45.875 ± .005 46.000 ± .005 46.125 ± .005 46.250 ± .005 46.375 ± .005 46.500 ± .005 46.625 ± .005 46.750 ± .005 46.875 ± .005 47.000 ± .005 47.125 ± .005 47.250 ± .005 47.375 ± .005 47.500 ± .005 47.625 ± .005 47.750 ± .005 47.875 ± .005 48.000 ± .005 48.125 ± .005 48.250 ± .005 48.375 ± .005 48.500 ± .005 48.625 ± .005 48.750 ± .005 48.875 ± .005 49.000 ± .005 49.125 ± .005 49.250 ± .005 49.375 ± .005 49.500 ± .005 49.625 ± .005 49.750 ± .005 49.875 ± .005 50.000 ± .005 50.125 ± .005 50.250 ± .005 50.375 ± .005 50.500 ± .005 50.625 ± .005 50.750 ± .005 50.875 ± .005 51.000 ± .005 51.125 ± .005 51.250 ± .005 51.375 ± .005 51.500 ± .005 51.625 ± .005 51.750 ± .005 51.875 ± .005 52.000 ± .005 52.125 ± .005 52.250 ± .005 52.375 ± .005 52.500 ± .005 52.625 ± .005 52.750 ± .005 52.875 ± .005 53.000 ± .005 53.125 ± .005 53.250 ± .005 53.375 ± .005 53.500 ± .005 53.625 ± .005 53.750 ± .005 53.875 ± .005 54.000 ± .005 54.125 ± .005 54.250 ± .005 54.375 ± .005 54.500 ± .005 54.625 ± .005 54.750 ± .005 54.875 ± .005 55.000 ± .005 55.125 ± .005 55.250 ± .005 55.375 ± .005 55.500 ± .005 55.625 ± .005 55.750 ± .005 55.875 ± .005 56.000 ± .005 56.125 ± .005 56.250 ± .005 56.375 ± .005 56.500 ± .005 56.625 ± .005 56.750 ± .005 56.875 ± .005 57.000 ± .005 57.125 ± .005 57.250 ± .005 57.375 ± .005 57.500 ± .005 57.625 ± .005 57.750 ± .005 57.875 ± .005 58.000 ± .005 58.125 ± .005 58.250 ± .005 58.375 ± .005 58.500 ± .005 58.625 ± .005 58.750 ± .005 58.875 ± .005 59.000 ± .005 59.125 ± .005 59.250 ± .005 59.375 ± .005 59.500 ± .005 59.625 ± .005 59.750 ± .005 59.875 ± .005 60.000 ± .005 60.125 ± .005 60.250 ± .005 60.375 ± .005 60.500 ± .005 60.625 ± .005 60.750 ± .005 60.875 ± .005 61.000 ± .005 61.125 ± .005 61.250 ± .005 61.375 ± .005 61.500 ± .005 61.625 ± .005 61.750 ± .005 61.875 ± .005 62.000 ± .005 62.125 ± .005 62.250 ± .005 62.375 ± .005 62.500 ± .005 62.625 ± .005 62.750 ± .005 62.875 ± .005 63.000 ± .005 63.125 ± .005 63.250 ± .005 63.375 ± .005 63.500 ± .005 63.625 ± .005 63.750 ± .005 63.875 ± .005 64.000 ± .005 64.125 ± .005 64.250 ± .005 64.375 ± .005 64.500 ± .005 64.625 ± .005 64.750 ± .005 64.875 ± .005 65.000 ± .005 65.125 ± .005 65.250 ± .005 65.375 ± .005 65.500 ± .005 65.625 ± .005 65.750 ± .005 65.875 ± .005 66.000 ± .005 66.125 ± .005 66.250 ± .005 66.375 ± .005 66.500 ± .005 66.625 ± .005 66.750 ± .005 66.875 ± .005 67.000 ± .005 67.125 ± .005 67.250 ± .005 67.375 ± .005 67.500 ± .005 67.625 ± .005 67.750 ± .005 67.875 ± .005 68.000 ± .005 68.125 ± .005 68.250 ± .005 68.375 ± .005 68.500 ± .005 68.625 ± .005 68.750 ± .005 68.875 ± .005 69.000 ± .005 69.125 ± .005 69.250 ± .005 69.375 ± .005 69.500 ± .005 69.625 ± .005 69.750 ± .005 69.875 ± .005 70.000 ± .005 70.125 ± .005 70.250 ± .005 70.375 ± .005 70.500 ± .005 70.625 ± .005 70.750 ± .005 70.875 ± .005 71.000 ± .005 71.125 ± .005 71.250 ± .005 71.375 ± .005 71.500 ± .005 71.625 ± .005 71.750 ± .005 71.875 ± .005 72.000 ± .005 72.125 ± .005 72.250 ± .005 72.375 ± .005 72.500 ± .005 72.625 ± .005 72.750 ± .005 72.875 ± .005 73.000 ± .005 73.125 ± .005 73.250 ± .005 73.375 ± .005 73.500 ± .005 73.625 ± .005 73.750 ± .005 73.875 ± .005 74.000 ± .005 74.125 ± .005 74.250 ± .005 74.375 ± .005 74.500 ± .005 74.625 ± .005 74.750 ± .005 74.875 ± .005 75.000 ± .005 75.125 ± .005 75.250 ± .005 75.375 ± .005 75.500 ± .005 75.625 ± .005 75.750 ± .005 75.875 ± .005 76.000 ± .005 76.125 ± .005 76.250 ± .005 76.375 ± .005 76.500 ± .005 76.625 ± .005 76.750 ± .005 76.875 ± .005 77.000 ± .005 77.125 ± .005 77.250 ± .005 77.375 ± .005 77.500 ± .005 77.625 ± .005 77.750 ± .005 77.875 ± .005 78.000 ± .005 78.125 ± .005 78.250 ± .005 78.375 ± .005 78.500 ± .005 78.625 ± .005 78.750 ± .005 78.875 ± .005 79.000 ± .005 79.125 ± .005 79.250 ± .005 79.375 ± .005 79.500 ± .005 79.625 ± .005 79.750 ± .005 79.875 ± .005 80.000 ± .005 80.125 ± .005 80.250 ± .005 80.375 ± .005 80.500 ± .005 80.625 ± .005 80.750 ± .005 80.875 ± .005 81.000 ± .005 81.125 ± .005 81.250 ± .005 81.375 ± .005 81.500 ± .005 81.625 ± .005 81.750 ± .005 81.875 ± .005 82.000 ± .005 82.125 ± .005 82.250 ± .005 82.375 ± .005 82.500 ± .005 82.625 ± .005 82.750 ± .005 82.875 ± .005 83.000 ± .005 83.125 ± .005 83.250 ± .005 83.375 ± .005 83.500 ± .005 83.625 ± .005 83.750 ± .005 83.875 ± .005 84.000 ± .005 84.125 ± .005 84.250 ± .005 84.375 ± .005 84.500 ± .005 84.625 ± .005 84.750 ± .005 84.875 ± .005 85.000 ± .005 85.125 ± .005 85.250 ± .005 85.375 ± .005 85.500 ± .005 85.625 ± .005 85.750 ± .005 85.875 ± .005 86.000 ± .005 86.125 ± .005 86.250 ± .005 86.375 ± .005 86.500 ± .005 86.625 ± .005 86.750 ± .005 86.875 ± .005 87.000 ± .005 87.125 ± .005 87.250 ± .005 87.375 ± .005 87.500 ± .005 87.625 ± .005 87.750 ± .005 87.875 ± .005 88.000 ± .005 88.125 ± .005 88.250 ± .005 88.375 ± .005 88.500 ± .005 88.625 ± .005 88.750 ± .005 88.875 ± .005 89.000 ± .005 89.125 ± .005 89.250 ± .005 89.375 ± .005 89.500 ± .005 89.625 ± .005 89.750 ± .005 89.875 ± .005 90.000 ± .005 90.125 ± .005 90.250 ± .005 90.375 ± .005 90.500 ± .005 90.625 ± .005 90.750 ± .005 90.875 ± .005 91.000 ± .005 91.125 ± .005 91.250 ± .005 91.375 ± .005 91.500 ± .005 91.625 ± .005 91.750 ± .005 91.875 ± .005 92.000 ± .005 92.125 ± .005 92.250 ± .005 92.375 ± .005 92.500 ± .005 92.625 ± .005 92.750 ± .005 92.875 ± .005 93.000 ± .005 93.125 ± .005 93.250 ± .005 93.375 ± .005 93.500 ± .005 93.625 ± .005 93.750 ± .005 93.875 ± .005 94.000 ± .005 94.125 ± .005 94.250 ± .005 94.375 ± .005 94.500 ± .005 94.625 ± .005 94.750 ± .005 94.875 ± .005 95.000 ± .005 95.125 ± .005 95.250 ± .005 95.375 ± .005 95.500 ± .005 95.625 ± .005 95.750 ± .005 95.875 ± .005 96.000 ± .005 96.125 ± .005 96.250 ± .005 96.375 ± .005 96.500 ± .005 96.625 ± .005 96.750 ± .005 96.875 ± .005 97.000 ± .005 97.125 ± .005 97.250 ± .005 97.375 ± .005 97.500 ± .005 97.625 ± .005 97.750 ± .005 97.875 ± .005 98.000 ± .005 98.125 ± .005 98.250 ± .005 98.375 ± .005 98.500 ± .005 98.625 ± .005 98.750 ± .005 98.875 ± .005 99.000 ± .005 99.125 ± .005 99.250 ± .005 99.375 ± .005 99.500 ± .005 99.625 ± .005 99.750 ± .005 99.875 ± .005 100.000 ± .005 100.125 ± .005 100.250 ± .005 100.375 ± .005 100.500 ± .005 100.625 ± .005 100.750 ± .005 100.875 ± .005 101.000 ± .005 101.125 ± .005 101.250 ± .005 101.375 ± .005 10																					

NOTES: Unless otherwise specified:

1. This list contains by subject entry all component parts to be used upon the Bendix Lunar Ejecta and Meteorite Experiment.
2. Each component entered lists description, quantity used per system, the documents used to purchase the parts, the Screening Specification, the part manufacturer, and any applicable remarks regarding the component usage.
3. Each component part used on the Bendix Lunar Ejecta and Meteorite Experiment shall be screened in accordance with Screening Inspection Plan, S92000, and the applicable detail Screening specification specified herein.
4. The following notes shall apply as shown in remarks column.

N1 - Procure with leads per Type C of MIL-STD-1276A.

N2 - Procure with Alloy 180 leads.

N3 - Screened by manufacturer as "M2" type with burn-in at 2x rated voltage at the maximum rated temperature.

N4 - Procure with non-magnetic brass leads and clip.
5. NSPAR (Non-Standard Parts Approval Request) required on items noted.
6. Deleted.
7. Manufacturer assigned numbers: When transistors and diodes are ordered as basic or JANIX component parts with added processing per control drawing TZ 10128601 (or other T-Z numbers as applicable), a new number is assigned to the device. In most cases the devices are marked with the new number. Listed below are special manufacturer-assigned numbers and their basic equivalents.

TIME-ZERO TORRANCE CALIFORNIA	TITLE Component Parts List Bendix LEAM Experiment	SPECIFICATION NO. ATM-1033 Page 66	REV E
CODE			

<u>Basic Number</u>	<u>Mfr.-Assigned Number</u>	<u>Manufacturer</u>
2N2920	SGH1093	TI
2N2369A	SGH1094	TI
2N3251A	SGH1095	TI
2N2432A	SGH1096	TI
2N2946A	SGH1097	TI
SM1N914	HML14	TI
JTX1N4938	HPH2	TI
JTX2N2484	RS2298	Raytheon
S2N2102	RT1076	Raytheon
S1N4568A	DT710309A	Dickson
2N3384	PF537 or FN2386	Siliconix
JAN2N2605	TZ 2N2605	National

TIME-ZERO TORRANCE CALIFORNIA	TITLE Component Parts List Bendix LEAN Experiment	SPECIFICATION NO. S 10120006	REV D
		ATM-1033 Page 67	
CODE 13126	SHEET 2A OF 9		

COMPONENTS PARTS LIST

PROGRAM:

Bendix LEAM Experiment 10120006

PART/TYPE NAME: Capacitors

REV. 5

ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	CKR05 - JR	Ceramic, molded	35	MIL-C-39014/1		QPL	N1
2	CKR06 - JR	Ceramic, molded	~ 50	MIL-C-39014/2		QPL	N1
3	CSR13 - KR	Solid tantalum, polarized	~160	MIL-C-39003/1		QPL	N2
4	M2 DM-F-4CR	Dipped mica	~28	Elmenco E82600		Elmenco	N3, N4
5	TZ F3-- F050	Parylene film, flatpack	13	TZ 1012 7301		Kemet	N1, NSPAR 10
6	HRMC--A---F	Ceramic, temperature compensated	9	Order per MIL-C-39014 *		Aerovox	N1, NSPAR 11
7	CKR12---JR	Ceramic, molded	90	MIL-C-39014/5		QPL	N1
8	CKR13---JR	Ceramic, molded	4	MIL-C-39014/6		QPL	N1
9	CKR19---	Ceramic, molded	4	MIL-C-39014/9		QPL	N1
* With Group B and C Testing, Lot data to be supplied.							

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COMPONENTS PARTS LIST				PROGRAM: Bendix LEAM Experiment 10120006			
PART/TYPE NAME: Diodes						REV. E	
ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	SM1N914	Small Signal, Si 100v	~200	MSFC 50M60197		TI, GE	
2	JAN-TX-1N4938*	Switching, Si	18	MIL-S-19500/169 With TZ10128601		Per QPL-19500	NSPAR 15
3	SiN5417	Fast Rectifier, Si	7	MSFC 85MO 3896		Semtech	
4	1N4568A	Voltage Reference, Si	1	MIL-S-19500/159 With TZ10128601		Dickson	Ref. EXA Spec 2340338 on TZ P.O. Instruct Dickson to combine lot tests. NSPAR 15
5	TZ 8551-()	Voltage Regulator, Si LVA	15	TZ 10128551		TRW	NSPAR 8
6	SiN746A to SiN759A	Voltage Regulator Zener, Si	6	MSFC85M01308		Dickson, Moto	
* With pre-cap visual and serialized test data per TZ 10128601							

Bendix LEAM Experiment 10120006

REV. 2-1-64

[illegible]

* With pre-cap visual and serialized test data per TZ 10128601

COMPONENTS PARTS LIST

PROGRAM:

Bendix LEAM Experiment 10120006

PART/TYPE NAME: Micro-electronic Devices						REV. E	
ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	SM54L00F	Quad. 2-input Positive nand gate	43	MSFC 85M03766-100		T.I.	
2	SM54L04F	Hex inverter	20	MSFC 85M03766-104		T.I.	
3	SM54L20F	Dual 4-input Positive nand gate	7	MSFC 85M03766-120		T.I.	
4	SM54L30F	2 input positive nand gate	4	MSFC 85M03766-130		T.I.	
5	SM54L72F	J-K master-slave flip-flop	2	MSFC 85M03766-172		T.I.	
6	SM54L73F	Dual J-K master-slave flip-flop	15	MSFC 85M03766-173		T.I.	
7	TZ8901-5	Quad two input nand gate	55	TZ10128901		Amelco	NSPAR 5 525BH
8	TZ8901-7	Dual four input nand gate	22	TZ10128901		Amelco	NSPAR 5 527BH
9	TZ8901-9	J-K flip-flop	182	TZ10128901		Amelco	NSPAR 5 529BH
10	TZ8902-1	High input impedance operational amplifier	80	TZ10128902		Harris Semi	NSPAR 6 HA2602
11	TZ8902-4	High input impedance wide band operational amplifier	50	TZ10128902		Harris Semi	NSPAR 6 HA2622

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COMPONENTS PARTS LIST

PROGRAM:

Bendix LEAM Experiment 10120006

PART/TYPE NAME: Relays - Thermistors

REV. E

ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	431- ()	Relay-SPDT transistor case	4	MSFC 40M37496- ()*		Teledyne	
2	44006	Thermistor	1	TZ 10127710	GSFC S-450-P-4A	YSI	NSPAR 9
		* With lot acceptance tests per Paragraph 4.7 with 3 samples.					

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COMPONENTS PARTS LIST

PROGRAM:

Bendix LEAM Experiment 10120006

PART/TYPE NAME: Resistors

REV. E

ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	RCR05G-JS	Carbon, composition	600	MIL-R-39008/4A		Allen-Bradley	N1
2	RCR07G-JS	Carbon, Composition	17	MIL-R-39008/1		Allen-Bradley	N1
3	RNC55H-FR	Metal film	500	MIL-R-55182		Mepco, Dale	N1, NSPAR 13
4	RNC65H-FR	Metal Film	1	MIL-R-55182		Mepco, Dale	N1, NSPAR 13
5	RNC60H-FR	Metal film	7	MIL-R-55182		Mepco, Dale	N1, NSPAR 13
6	RWR80-FR	Wire wound, power		MIL-R-39007/8		Dale	N1
7	RWR81-FR	Wire wound, power	5	MIL-R-39007/9		Dale	N1
8	RCR32G-JS	Carbon, composition	-	MIL-R-39008/3A		Allen-Bradley	N1
9	RCR20G-JS	Carbon, composition	-	MIL-R-39008/2B		Allen-Bradley	N1

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COMPONENTS PARTS LIST

PROGRAM:

Bendix LEAM Experiment 10120006

PART/TYPE NAME: Transistors

REV. 1

ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	S2N930	General Purpose, NPN Low Level Si	26	MSFC85M01641		TI	
2	S2N2222A	General Purpose, NPN, Signal Si	55	MSFC85M02699		TI	
3	SM2N2907A	General Purpose PNP, Signal Si	24	MSFC50M60198		TI, RAY, MOTA	
4	2N2920	Dual NPN, Si	9	per TZ10128601	*	TI, GE	Use parameter: specified for JANTX2N2920
5	2N2369A	General Purpose NPN, Signal Si	49	per TZ 10128601	*	TI, RAY, NATL, MOTA, FAIR	Use parameter: specified for JANTX2N2369A
6	2N3251A	General Purpose PNP, Low Level Si	84	per TZ10128601	*	TI, RAY, MOTA	Use parameter: specified for JANTX2N3251A
7	TZ 2N3384	P-Channel FET	24	TZ 10128701 ^Δ		Siliconix	NSPAR 3
8	S2N2102	General Purpose, NPN, Signal Si	1	MSFC85M01108		RCA, TI, RAY	
9	SM2N2905A	General Purpose PNP, Signal Si	1	MSFC50M60198		TI, MOTA	
10	JAN2N2605	General Purpose PNP, Low Level Si	4	MIL-S-19500/354 per TZ10128601		Raytheon, Natl.	NSPAR 15
11	2N2432A	NPN Si Chopper	4	per TZ10128601	*	TI, Transistron Crystalonic	Use parameter: specified for JANTX2N2432A
12	2N2946A	PNP Si Chopper		per TZ10128601	*	TI, Transistron Crystalonic	Use parameter: specified for JANTX2946A
13	TZ 2N3811	Dual PNP, Si	2	TZ 10128651 ^Δ		NATL	NSPAR 12
14	S2N4150	NPN, Si Power Transistor	2	MSFC50M34277		Solitron	
15	JANTX2N2484	General Purpose NPN, Si Low Level	6	MIL-S-19500/376 With TZ10128601		RAY, AMERICO	NSPAR 15
With 100% pre-seal inspection and data recorded on all devices				Δ With preseal,	lot acceptance	ests, data, 100%	screening.

COMPONENTS PARTS LIST				PROGRAM: Bendix LRAM Experiment 10120006			
PART/TYPE NAME: Connectors						REV. E	
ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	MDM25PH-25	Micro-D Mark II	1	TZ10129001		Cannon	NSPAR 14
2	MDM25SH-22	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
3	MDM37PH-40	Micro-D Mark II	2	TZ10129001		Cannon	NSPAR 14
4	MDM37SH-30	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
5	MDM51PH-34	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
6	MDM51SH-34	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
7	DCM37PMMC-1-A106	Golden D Mark I, Non-Magnetic	1	TZ10129002		Cannon	Δ NSPAR 29
8	MDM25P-S	Micro-D Mark II, w/Solder Cup		TZ10129001		Cannon	NSPAR 14
9	MDM25S-S			TZ10129001		Cannon	NSPAR 14
10	MDM37P-S			TZ10129001		Cannon	NSPAR 14
11	MDM37S-S	Micro-D Mark II, w/solder cup		TZ10129001		Cannon	NSPAR 14
		Δ As required by Bendix for interface, reference Bendix Drawing 2347019.					

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Bendix LEAM Experiment 10120006

PART/TYPE NAME: Connectors

REV. E

ITEM	PART/TYPE NO.	DESCRIPTION	QTY	PROCUREMENT SPECIFICATION	SCREENING SPECIFICATION	MANUFACTURER	REMARKS
1	MDM25PH-25	Micro-D Mark II	1	TZ10129001		Cannon	NSPAR 14
2	MDM25SH-22	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
3	MDM37PH-40	Micro-D Mark II	2	TZ10129001		Cannon	NSPAR 14
4	MDM37SH-30	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
5	MDM51PH-34	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
6	MDM51SH-34	Micro-D Mark II		TZ10129001		Cannon	NSPAR 14
7	DCM37PNMC-1-A106	Golden D Mark I, Non-Magnetic	1	TZ10129002		Cannon	△ NSPAR 29
8	MDM25P-S	Micro-D Mark II, w/Solder Cup		TZ10129001		Cannon	NSPAR 14
9	MDM25S-S			TZ10129001		Cannon	NSPAR 14
10	MDM37P-S			TZ10129001		Cannon	NSPAR 14
11	MDM37S-S	Micro-D Mark II, w/solder cup		TZ10129001		Cannon	NSPAR 14
		△ As required by Bendix for interface, reference Bendix Drawing 2347019.					

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△ As required by Bendix for interface, reference Bendix Drawing 2347019.



**Aerospace
Systems Division**

**ALSEP
EEE COMPOSITE PARTS LIST**

NO.	REV. NO.
ATM-1033	A
PAGE 75	OF
DATE 8/18/72	

TABLE III

**LSP
(GEO-TECH)**

UNIT MODULE: NAME <u>Seismic Detection System</u> NO <u>Model 34100</u> CMG. LTR _____	SDS KIT LIST SERIAL NO. <u>02 DVT, QUAC, FLITE</u> W/O NO. _____	FOR ASSY: NAME _____ NO. _____ SERIAL NO. _____	KL NO. _____ PAGE <u>1</u> OF <u>1</u> APPROVED _____ BY _____
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[illegible]

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ISSUED TO:

DATE _____

1945 214291 CECILE, ECPH

UNIT MODULE	SDS KIT LIST	FOR ASSY
NAME <u>Cell Assembly</u>		NAME <u>Cell Assembly</u> KIT NO. _____
NO. <u>00 24017-01-01</u>		NO. <u>00 24017-01-01</u> PAGE _____ OF _____
SERIAL NO. _____		SERIAL NO. _____ BY _____

ITEM	REF. DESIG	PART NAME	PART NO	QTY PLACED		LOT NO.	SERIAL NO	REPLACEMENT	
				REQD.	IN STOCK			PART NO	QTY REQD.
1		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
2		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
3		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
4		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
5		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
6		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
7		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
8		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
9		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
10		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
11		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
12		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
13		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
14		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
15		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
16		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
17		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
18		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
19		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
20		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
21		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
22		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
23		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
24		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
25		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
26		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
27		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
28		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
29		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
30		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
31		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
32		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
33		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
34		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
35		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
36		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
37		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
38		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
39		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
40		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
41		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
42		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
43		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
44		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
45		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
46		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
47		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
48		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
49		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
50		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
51		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
52		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
53		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
54		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
55		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
56		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
57		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
58		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
59		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
60		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
61		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
62		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
63		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
64		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
65		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
66		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
67		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
68		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
69		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
70		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
71		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
72		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
73		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
74		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
75		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
76		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
77		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
78		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
79		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
80		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
81		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
82		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
83		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
84		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
85		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
86		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
87		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
88		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
89		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
90		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
91		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
92		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
93		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
94		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
95		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
96		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
97		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
98		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
99		1/4" x 1/2" x 1/2" SS	20-31627-01-01						
100		1/4" x 1/2" x 1/2" SS	20-31627-01-01						

ELECTRE GEOTECH

KIT MODULE

SDS KIT LIST

FOR ASSY:

NAME SDS AmplifierNAME Seismic Detection Sys. KL NONO. Model 34110SERIAL NO. 01NO. Model 34100 PAGE 1 OF 1

CHG. LTR

W/O NO.

SERIAL NO. 01 APPROVED

BY:

ITEM	REF. DESIG.	PART NAME	PART NO.	QTY PER UNIT		LOT NO.	SERIAL NO.	REPLACEMENT		
				REQD.	INCLUDED			F/R NO.	LOT NO.	SN
1	P.C. Bd	Dual Regulator/Mother Board	90-34686-01-01	1						
2	P.C. Bd	Cal Amp/Filter/Log Comp Bd	90-34687-01-01	1						
3	P.C. Bd	Cal Amp/Filter/Log Comp Bd	90-34687-01-01	1						
4	P.C. Bd	Cal Amp/Filter/Log Comp Bd	90-34687-01-02	1						
5	P.C. Bd	Cal Amp/Filter/Log Comp Bd	90-34687-01-02	1						
6		Standoff	90-34735-01-01	3						
7		Spacer .142 dia. x .108 lg	90-34736-01-01	2						
8		Spacer .142 dia. x .125 lg	90-34737-01-01	2						
9		Spacer .142 dia. x .460 lg	90-34758-01-01	4						
10		Standoff .062 dia.	90-34759-01-01	2						
11		Spacer .460 lg	90-34744-01-01	6						
12		Spacer .108 lg	90-34745-01-01	3						
13		Spacer .125 lg	90-34746-01-01	3						
14		Standoff	90-34747-01-01	3						
15		Housing Top Half	90-34748-01-01	1						
16		Housing Bottom Half	90-34749-01-01	1						
17		Holding Plate Back	90-34761-01-01	1						
18		Holding Plate Front	90-34762-01-01	1						
19		Header, Astroseal	20003-8-HP40M	2						
20		Wire, Black, #22 AWG	MIL-W-16878/6A-ET	AR						
21		Wire, Black/White #22 AWG	MIL-W-16878/6A-ET	AR						
22		Wire, Red #26 AWG	MIL-W-16878/6A-ET	AR						
23		Wire, Orange #26 AWG	MIL-W-16878/6A-ET	AR						
24		Wire, Orange/White #26 AWG	MIL-W-16878/6A-ET	AP						
25		Wire, Yellow #26 AWG	MIL-W-16878/6A-ET	AR						
26		Wire, Yellow/White #26 AWG	MIL-W-16878/6A-ET	AR						
27		Wire, Blue #26 AWG	MIL-W-16878/6A-ET	AR						
28		Wire, Blue/White #26 AWG	MIL-W-16878/6A-ET	AP						
29		Wire, Violet #26 AWG	MIL-W-16878/6A-ET	AR						
30		Wire, Brown #26 AWG	MIL-W-16878/6A-ET	AR						
31		Wire, Brown/White #26 AWG	MIL-W-16878/6A-ET	AP						
32		Wire, Green #26 AWG	MIL-W-16878/6A-ET	AR						
33		Wire, Gray #26 AWG	MIL-W-16878/6A-ET	AR						

KIT COMPLETE DATE _____ BY _____ INSPECTION: _____

ISSUED TO: _____ DATE: _____

(REV. 2-15-71) GEOTECH FORM 404

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DYNE GEOTECH

UNIT MODULE				SDS KIT LIST		FOR ASSY:			
NAME <u>SDS KIT LIST</u>						NAME <u>SDS Amplifier</u>		KL NO. _____	
NO <u>90-34687-01-</u>				SERIAL NO. _____		NO. <u>10dcl 34110</u>		PAGE <u>1</u> OF <u>1</u>	
CHG. LTR _____				W/O NO. _____		SERIAL NO. _____		APPROVED _____	
								BY: _____	

ITEM	REF. DESIG.	PART NAME	PART NO.	QTY PER UNIT		LOT NO.	SERIAL NO.	REPLACEMENT		
				REQD.	INCLUDED			F/R NO.	LOT NO.	SN
1	P.C.	P.C. Board	90-34687-01-	1						
2	C2	Capacitor, 33 pf	90-34661-01-03	1						
3	C3	Capacitor, 100 pf	90-34661-01-04	1						
4	C4	Capacitor, .120 uf	90-34661-01-08	1						
5	C5	Capacitor, .068 uf	90-34661-01-07	1						
6	C6	Capacitor, 33 pf	90-34661-01-03	1						
7	C7	Capacitor, .068 uf	90-34661-01-07	1						
8	C8	Capacitor, .039 uf	90-34661-01-06	1						
9	C9	Capacitor, .022 uf	90-34661-01-05	1						
10	C10	Capacitor, 33 pf	90-34661-01-03	1						
11	C11	Capacitor, .068 pf	90-34661-01-07	1						
12	C12	Capacitor, .039 uf	90-34661-01-06	1						
13	C13	Capacitor, .022 uf	90-34661-01-05	1						
14	C14	Capacitor, 33 pf	90-34661-01-03	1						
15	C15	Capacitor, 15 uf 20V	OSF 15F-150K	1						
16	C16	Capacitor, 15 uf 20V	OSF 15F-150K	1						
17	C17	Capacitor, 10 pf	90-34661-01-01	1						
18	C18	Capacitor, 22 pf	90-34661-01-02	1						
19	C19	Capacitor, 100 pf	90-34661-01-04...	1						
20	C20	Capacitor, 100 pf	90-34661-01-04	1						
21	C21	Capacitor, 22 pf	90-34661-01-02	1						
22	C22	Capacitor, 100 pf	90-34661-01-04	1						
23	C23	Capacitor, 100 pf	90-34661-01-04	1						
24	C24	Capacitor, 22 pf	90-34661-01-02	1						
25	C25	Capacitor, 100 pf	90-34661-01-04	1						
26	C26	Capacitor, 10 pf	90-34661-01-01	1						
27	C27	Capacitor, 10 pf	90-34661-01-01	1						
28	C28	Capacitor, 10 pf	90-34661-01-01	1						
29	C29	Capacitor, 10 pf	90-34661-01-01	1						
30	C30	Capacitor, 10 pf	90-34661-01-01	1						

KIT COMPLETE DATE: _____		BY: _____	INSPECTION: _____
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WTE DYNE GEOTECH

UNIT MODULE: NAME <u>Full Amp/Filter Log Compressor</u> NO. <u>90-34687-01</u> CHG. LTR. _____				SDS KIT LIST		FOR ASSY: NAME <u>SDS Amplifier</u> NO. <u>Model 34110</u> SERIAL NO. _____				KL NO. _____ PAGE <u>2</u> OF <u>5</u> APPROVED _____ BY: _____	
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ITEM	REF. DESIG.	PART NAME	PART NO.	QTY PER UNIT		LOT NO.	SERIAL NO.	REPLACEMENT		
				REQD.	INCLUDED			F/R NO.	LOT NO.	SN
33	CS2	Capacitor, 100 pf	90-34661-01-04	1						
34	CR1	Diode, Si, General Purpose	SM 1N914A	1						
35	CR2	Diode, Si, General Purpose	SM 1N914A	1						
36	CR3	Diode, Si, General Purpose	SM 1N914A	1						
37	CR4	Diode, Si, General Purpose	SM 1N914A	1						
38	CR5	Diode, Si, General Purpose	SM 1N914A	1						
39	CR6	Diode, Si, General Purpose	SM 1N914A	1						
40	CR7	Diode, Si, General Purpose	SM 1N914A	1						
41	R1	Relay, DPDT, 452-2094	90-34655-01-01	1						
42	Q1	Transistor, NPN, 2N2222A	SM 2N2222A	1						
43	Q2	Transistor, PNP, 2N3445	90-34664-01-01	1						
44	Q3	Transistor, PNP, 2N2609	JAN 2N2609	1						
45	Q4	Transistor, NPN, 2N2920	JAN 2N2920	1						
46	Q5	Transistor, PNP, 2N3911	JAN 2N3911	1						
47	Q6	Transistor, PNP, 2N2907A	SM 2N2907A	1						
48	R1	Resistor, 150 kohm 1%	RVR 50H-1505-FS	1						
49	R2	Resistor, 28 kohm 1%	RNR 50H-2871-FS	1						
50	R3	Resistor, 1.8 kohm 1%	RNR 50H-1821-F	1						
51	R4	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
52	R5	Resistor, 150 kohm 1%	RNR 50H-1505-FS	1						
53	R6	Resistor, 28 kohm 1%	RNR 50H-2871-FS	1						
54	R7	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
55	R8	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
56	R9	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
57	R10	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
58	R11	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
59	R12	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
60	R13	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						
61	R14	Resistor, 18 kohm 1%	RNR 50H-1802-FS	1						

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DATE MNE GEOTECH

UNIT MODULE				SDS KIT LIST		FOR ASSY:		KL NO.		
NAME <u>Ca. Air/Filtering Compressor</u>						NAME <u>SDS Model 34110</u>		PAGE <u>2</u> OF <u>2</u>		
NO. <u>90-34657-01</u>				SERIAL NO. <u> </u>		NO. <u> </u>		APPROVED <u> </u>		
CHG. LTR. <u> </u>				W/O NO. <u> </u>		SERIAL NO. <u> </u>		BY: <u> </u>		
ITEM	REF. DESIG.	PART NAME	PART NO.	QTY PER UNIT		LOT NO.	SERIAL NO.	REPLACEMENT		
				REQD.	INCLUDED			F/R NO.	LOT NO.	SN
61	R15	Resistor, 7.5 kohm 1%	RNR 50-4301-1	1						
62	R16	Resistor, 422 ohm 1%	RNR 50H-4220-FS	1						
64	R17	Resistor, 1.0 kohm 1%	RNR 65H-1004-FS	1						
65	R18	Resistor, 1.0 kohm 1%	RNR 65H-1004-FS	1						
66	R19	Resistor, 490 kohm 1%	RNR 60H-4493-FS	1						
67	R20	Resistor, 178 kohm 1%	RNR 60H-1783-FS	1						
68	R21	Resistor, 309 kohm 1%	RNR 60H-3093-FS	1						
69	R22	Resistor, 1.0 kohm 1%	RNR 65H-1004-FS	1						
70	R23	Resistor, 68.1 kohm 1%	RNR 50H-6810-FS	1						
71	R24	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
72	R25	Resistor, 157 kohm 1%	RNR 60H-1573-FS	1						
73	R26	Resistor, 157 kohm 1%	RNR 60H-1573-FS	1						
74	R27	Resistor, 157 kohm 1%	RNR 60H-1573-FS	1						
75	R28	Resistor, 1.0 kohm 1%	RNR 65H-1004-FS	1						
76	R29	Resistor, 752 kohm 1%	RNR 50H-7523-FS	1						
77	R30	Resistor, 157 kohm 1%	RNR 60H-1573-FS	1						
78	R31	Resistor, 157 kohm 1%	RNR 60H-1573-FS	1						
79	R32	Resistor, 157 kohm 1%	RNR 60H-1573-FS	1						
80	R33	Resistor, 1.0 kohm 1%	RNR 65H-1004-FS	1						
81	R34	Resistor, 752 kohm 1%	RNR 50H-7523-FS	1						
82	R35	Resistor, 490 kohm 1%	RNR 60H-4493-FS	1						
83	R36	Resistor, 490 kohm 1%	RNR 60H-4493-FS	1						
84	R37	Resistor, 490 kohm 1%	RNR 60H-4493-FS	1						
85	R38	Resistor, 8.2 kohm 1%	RNR 50H-8201-FS	1						
86	R39	Resistor, 1.7 kohm 1%	RNR 50H-1701-FS	1						
87	R40	Resistor, 4.7 kohm 1%	RNR 50H-4701-FS	1						
88	R41	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
89	R42	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
90	R43	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
91	R44	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
92	R45	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
93	R46	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
94	R47	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
95	R48	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
96	R49	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						
97	R50	Resistor, 10 kohm 1%	RNR 50H-1002-FS	1						

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KIT COMPLETE DATE: BY INSPECTION:

ATM-1033 GEOTECH

UNIT MODULE NAME <u>SDS Kit : 10/17/88 Expressor</u> NO <u>90-4687-01-</u> CHG. LTR _____				SDS KIT LIST		FOR ASSY: <u>10/17/88</u> NAME <u>Model 3410</u> NO _____ SERIAL NO _____				KL NO. _____ PAGE <u>3</u> OF <u>5</u> APPROVED _____ BY: _____		
--	--	--	--	---------------------	--	--	--	--	--	--	--	--

ITEM	REF. DESIG.	PART NAME	PART NO.	QTY PER UNIT		LOT NO.	SERIAL NO.	REPLACEMENT		
				REQD.	INCLUDED			F/R NO.	LOT NO.	SN
88	*R48	Resistor, 1%		1						
91	*R49	Resistor, 1%		1						
97	R50	Resistor, 10.25 kohm .05%	90-34734-01-08	1						
98	*R51	Resistor, 1%		1						
99	*R52	Resistor, 1%		1						
100	*R53	Resistor, .05%	90-34734-01-	1						
101	*R54	Resistor, 1%		1						
102	*R55	Resistor, 1%		1						
103	R56	Resistor, 4 kohm .05%	90-34734-01-05	1						
104	R57	Resistor, 4 kohm .05%	90-34734-01-05	1						
105	R58	Resistor, 15.2 kohm .05%	90-34734-01-09	1						
106	R59	Resistor, 1.21 kohm 1%	RNR 500-1211-FS	1						
107	R60	Resistor, 4 kohm .05%	90-34734-01-05	1						
108	R61	Resistor, 271 ohm 1%	RNR 500-2710-FS	1						
109	*R62	Resistor, 1%		1						
110	*R63	Resistor, 1%		1						
111	R64	Resistor, 60.4 kohm 1%	RNR 500-6040-FS	1						
112	R65	Resistor, 28 kohm 1%	RNR 500-2802-FS	1						
113	R66	Resistor, 1 kohm 1%	RNR 500-1000-FS	1						
114	R67	Resistor, 1 kohm 1%	RNR 650-1004-FS	1						
115	R68	Resistor, 10 kohm 1%	PME-02	1						
116	R69	Resistor, 20 kohm 1%	PME-02	1						
117	R70	Resistor, 20 kohm 1%	PME-02	1						
118	*R71	Resistor, 1%	PME-02	1						
119	PT1	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
120	PT2	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
121	PT3	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
122	PT4	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
123	PT5	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
124	PT6	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
125	PT7	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
126	PT8	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
127	PT9	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
128	PT10	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
129	PT11	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
130	PT12	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
131	PT13	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
132	PT14	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
133	PT15	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
134	PT16	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
135	PT17	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
136	PT18	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
137	PT19	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
138	PT20	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
139	PT21	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
140	PT22	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
141	PT23	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
142	PT24	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
143	PT25	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
144	PT26	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
145	PT27	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
146	PT28	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
147	PT29	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
148	PT30	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
149	PT31	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
150	PT32	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
151	PT33	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
152	PT34	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
153	PT35	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
154	PT36	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
155	PT37	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
156	PT38	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
157	PT39	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
158	PT40	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
159	PT41	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
160	PT42	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
161	PT43	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
162	PT44	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
163	PT45	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
164	PT46	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
165	PT47	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
166	PT48	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
167	PT49	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
168	PT50	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
169	PT51	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
170	PT52	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
171	PT53	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
172	PT54	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
173	PT55	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
174	PT56	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
175	PT57	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
176	PT58	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
177	PT59	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
178	PT60	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
179	PT61	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
180	PT62	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
181	PT63	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
182	PT64	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
183	PT65	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
184	PT66	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
185	PT67	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
186	PT68	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
187	PT69	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
188	PT70	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
189	PT71	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
190	PT72	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
191	PT73	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
192	PT74	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
193	PT75	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
194	PT76	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
195	PT77	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
196	PT78	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
197	PT79	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
198	PT80	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
199	PT81	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
200	PT82	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
201	PT83	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
202	PT84	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
203	PT85	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
204	PT86	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
205	PT87	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
206	PT88	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
207	PT89	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
208	PT90	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
209	PT91	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
210	PT92	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
211	PT93	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
212	PT94	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
213	PT95	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
214	PT96	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
215	PT97	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
216	PT98	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
217	PT99	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
218	PT100	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
219	PT101	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
220	PT102	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
221	PT103	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
222	PT104	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
223	PT105	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
224	PT106	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
225	PT107	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
226	PT108	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
227	PT109	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
228	PT110	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
229	PT111	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
230	PT112	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
231	PT113	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
232	PT114	Thermistor, 1%, 1% .05%	90-34739-01-01	1						
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AT FRYNE GEOTECH

[illegible]



**Aerospace
Systems Division**

**ALSEP
EEE COMPOSITE PARTS LIST**

NO.	REV. NO.
ATM-1033	A
PAGE 88	OF
DATE 8/18/72	

TABLE III

**LSP
(BULOVA, CATALYST RES.)**

LSP EXPERIMENT SUBCONTRACTORS
 BULOVA SYSTEMS AND INSTRUMENTS DIV
 BULOVA WATCH CO
 TIMER, MECHANICAL

<u>Qty</u>	<u>Name</u>	<u>Vendor</u>	<u>Vendor P/N</u>
16	Switch, sensitive	Microswitch Bulova	1 SX # A87186

CATALYST RESEARCH CORP
 BALTIMORE, MD

<u>Qty</u>	<u>Name</u>	<u>SCD NO.</u>
8	Battery, thermal	Bendix #2348316

GFE

<u>Qty</u>	<u>Name</u>	<u>SCD No.</u>
8	EDC (End detonating cartridge)	Space Ordnance Systems Dwg 15-10198-15 Bendix P/N 2348421-2



**Aerospace
Systems Division**

**ALSEP
EEE COMPOSITE PARTS LIST**

NO.	REV. NO.
ATM-1033	A
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TABLE III

**LMS
(UNIVERSITY OF TEXAS, DALLAS)**

LMS-UTD - LACE PARTS STATUS

FS, JS

DATE 5/17/71

USAGE														DATE 5/17/71							
PART NO	TYPE	MANUF	EM CONTROL			SW HV/LSC					PR/D	TOTAL/ST	QUOTE		QTY ORDERED	P.O. NUMBER	VENDOR	Shipping Estimate	RECEIVED	THRU INSPECTION	REMARKS
			EC1	EC2	EC3	SW1	SW2	SW3	SW4	SW5			Unit Price	Estimate							
SIN827A	IN827A										3	3	5/1	15	6853 Components	4/2	4/1	4/12	9		
SMIN914	IN914		8	5	5	1	1	3			6	35	5/1	150	6587 TI	5/12	5/12				
SIN963B	IN963B									1	1	1	5/1	10	6853 Components	4/2	4/1	4/12	4		
SIN965B	IN965B		1								1	1	5/1	10	6853	"	4/2	4/1	4/12	4	
151-358	IN4099				1						1	1	5/1	25	6852 CDC	4/20	4/21	5/3			
151-364	IN4942		8		14						22	22	5/1	100	6883 Unitide	5/17					
151-359	5030G									4	4	4	5/1	25	7016 Samson	5/18					
S2N1486	2N1486		2								2	2	5/1	15	6879 Soliton	4/15	4/13	4/19			
S2N2102	2N2102		2			2					4	4	5/1	25	7022 RCA	4/1	4/9	4/21			
S2N2222A	2N2222A		3	2				1			9	2	5/1	100	6350 TI	4/1	4/30			Q.E. reviewing data	
SM22907A	2N2907A		1	3							6	9	5/1	40	6681 TI	4/1	4/17	4/20			
151-355	2N3823										3	3	5/1	25	6882 Tube	5/27					
SN54L00F-1						3					1	4	5/1	25	6349 TI	5/21					
"L04						3					3	3	5/1	25	6349 TI	5/1	5/3			Q.E. Reviewing Data	
L20						2					2	2	5/1	25	6349 TI	5/1	4/21			Q.E. Reviewing Data	
L30						3					3	3	5/1	25	6349	5/21					
L51						2					2	2	5/1	25	6349	5/1	4/21			Q.E. Reviewing Data	
L71						5					5	5	5/1	30	6349	5/21					
L73						9					9	9	5/1	50	6349	5/21					
SM5410F-1						1					1	1	5/1	25	6349	5/20					
151-367	SN54L121					1					3	1	5/1	50	7208	5/21					

LACE PARTS STATUS

FS, JS

DATE 5/17/71

PART NO		TYPE	MANUF	USAGE										EM CONTROL	SW HV/DSC	PA/D	QUOTE	QTY ORDERED	P. NUMBER	VENDOR	Shipping Estimate	RECEIVED	THRU	REMARKS
				FL1	FL2	FL3	FL4	FL5	FL6	FL7	FL8	FL9	FL10	FL11	FL12	FL13	FL14	FL15	FL16	FL17	FL18	FL19	FL20	
151-341		UD9037													3									
151-342		UD4036													1									
151-343		UD4001													2									
151-353		UT1000													3									
151-344		NH0001													2									
151-354		LM108													1									
151-346		2404 BG													1									
151-347		MCT-1													1									
151-349		SN5271DS-11													3									
M39014/01-0293		CKR058X474KR													3	2	5							
" 0296		680													3		3							
" 0298		620																						
" 0299		101													1		1							
" 0302		151															3	3						
" 0307		271															1							
" 0317		102															1							
M39014/02-0298		CKR068X103KR													2		3	1	6					
" 0310		104													5	3		39	1	48				
M39014/01-0287		CKR15BX KR																						
" -0290																								
" -0292																								

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LACE PARTS STATUS

FS,JS

DATE 5/17/71

PART NO	TYPE	MANUF	USEAGE					PA/D	TOTAL/STST	QUOTE		QTY ORDERED	P.O. NUMBER	VENDOR	Shipping Estimate	RECEIVED	THRU INSPECTION	REMARKS
			EM CONTROL	SW	HV/DSC	PA/D	PA/D			QTY	PRICE							
M39014/05-023	CKR12BK 220KR								2	L10	5/1	15	7363 Cerning	4/1	3/19	3/29		Capacitor, ceramic
0307	474								2	L10	5/1	15	"	4/1	3/19	3/29		"
0314	101					1	1		2	L10	5/1	15	"	4/1	3/19	3/29		"
0321	331								1	L10	5/1	10	"	4/25	4/13	4/13		"
0326	561					2	1		3	L10	5/1	20	"	4/1	3/19	3/29		"
0338	222								1	L10	5/1	10	"	4/1	3/19	3/29		"
0346	103					3	1		6	L10	5/1	30	"	4/1	3/19	3/29		"
M39014/06-0153	CKR12BK 104KR		3						4	L10	5/1	25	"	"	5/20			"
ECY101R0C5								3	3		5/7	25	6184 Cerning	4/4	4/14	4/14		Capacitor, glass
ECY103R0C5								3	3		5/7	15	6997 Cerning	3/2	3/5	3/5		"
M39013/01-2836	CSR13B 105KR					2	1	3	7	L11	5/1	25	7364 Kemet	4/1	4/5	4/12		Capacitor, tant
2998	H166					2			4	L11	5/1	15	"	4/1	4/7	4/12		
2941	J564								1	L11	5/1	5	"	4/1	4/12	4/12		

SHEET 3 OF 7 25

LACE PARTS STATUS

FS, JS

DATE 5/17/71

PART NO	TYPE	MANUF	USAGE										PAID		QUOTE		QTY ORDERED	P.O. NUMBER	VENDOR	Shipping Estimate	RECEIVED	THRU INSTRUCTION	REMARKS
			EM CONTROL	SW	HV/DSC	PAID	QTY	QTY	QTY	QTY	QTY	QTY	PAID	QTY	QTY	QTY							
151-360-180	DD30-100	CentraLab																					
-470	-470																						
-101	-101																						
151-345	BRITA-BI-45	Daleman	3																				
151-348	2307-684	Daleman																					
151-341	2 Mc Crystal	Monitor																					
151-319-01	Transformer		1																				
320-01	"		2																				
322-02	"		2																				
321-01	"		2																				
322-01	Inductor		1																				
323-01	Transformer																						

LACE PARTS STATUS

FS, JS

DATE 5/17/71

PART NO	TYPE	MANUF	USAGE										PAID	C O	TOTAL/STRT	QUOTE				QTY ORDERED	P O NUMBER	VENDOR	SHIPPING ESTIMATE	RECEIVED	THRU INSPECTION	REMARKS
			EM CONTROL	SW	HW	DSC	PAID	C O	TOTAL/STRT	QTY	ONE	THRU														
151-351-01-0.5M	PMR 60, T2, 0.5M																									Resistor, film
1.0																										
1.2																										
1.5																										
2.0																										
2.5																										
3.0																										
3.5																										
4.0																										
4.5																										
5.0																										
5.5																										
6.0																										
6.5																										
7.0																										
7.5																										
151-351-02-50M	PMR 75, T2, 50M																									

LACE PARTS STATUS

FSJS

DATE 5/17/71

PART NO	TYPE	MANUF	USEAGE					PAID	TOTAL/SYST	QUOTE			QTY ORDERED	P.O. NUMBER	VENDOR	Shipping Estimate	RECEIVED	THRU INSPECTION	REMARKS
			EM CONTROL	SW	NV	USC	PAID			NO	OUT	HEAD							
PNR55C5IRIPS								3	3			5/1	25	7166	Mepeco	4/5	3/5	5/6	Resistor film
1001									3			5/1	25				3/5	5/6	
1821								3	3			5/1	25			5/1	9/3	5/6	
1531												5/1	6			5/1	9/13	5/6	
6491								3	3			5/1	25				4/12		Waiting Test Data
1002												5/1	10				4/5	5/6	
2212												5/1	6			5/1	5/3		
2262												5/1	6				4/4		
2322												5/1	6				3/5		
2372												5/1	6				3/5		
2432												5/1	10			5/1	4/4		
2492												5/1	10				4/1		
2552												5/1	10			5/1	5/3		
2612												5/1	6				3/4		
2672												5/1	6				3/4		
2792												5/1	6			5/1	5/4		
2882												5/1	6				3/4		
2872												5/1	6			5/1	5/4		
2942												5/1	6				3/4		
3012												5/1	6				4/12		
3092												5/1	6				4/12		
3162												5/1	6				3/4	5/6	

LACE PARTS STATUS

FSJ8

DATE 5/17/71

PART NO	TYPE	MANUF	USEAGE					M/D	TOTAL/STK	QUOTE		QTY ORDERED	P.O. NUMBER	VENDOR	Shipping Estimate	DELIVERED	THRU INSPECTION	REMARKS
			EM CONTROL	SW	HY/DSC	PA/D	PA/D			NO.	LINE							
RNR55C3242FS												5/1	6	7166 MPR	4/15	3/4	5/6	
3322												5/1	6			3/31		
3402												4/1	6			3/31		
3412												5/1	6			4/15		
3572								3	3			5/1	25		5/1	4/14		
3652												4/1	6			4/12		
3472												4/1	6			4/1		
3832												4/1	6		5/1	4/13		
3922												4/1	6		5/1	4/14		
4022												4/1	6		5/1	4/14		
5112												4/1	6			4/14		
6192								1	1			4/1	10			3/31	5/6	
1003								3	3			4/1	25			4/12		Waiting Test Data
2346258-2	Manganin Wire											5/1	500	7541 Gore	4/21			
151-366	Ion Pump											5/15	6	7656 Varian	5/14			
151-317-02	Electron Multiplier											4/30	9	6851 EMR	6-5/20	3-5/20		

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**Aerospace
Systems Division**

**ALSEP
EEE COMPOSITE PARTS LIST**

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TABLE III

**LSG
(A. D. LITTLE)**

LUNAR SURFACE GRAVIMETER

Arthur D Little Inc

Bendix Subcontract SC-850
C-73007

DATE: 25 June 1971

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LIST OF ELECTRICAL, ELECTRONIC AND ELECTROMECHANICAL PARTS

Part Name	Generic Name	Manufacturer	Mfg. Part No.	Qty.	ADL Spec. No.	Limited Life
Mass Changing Motor	Gear Case Motor	Globe Industries	128A271	1	CP2:850-E-1	✓
Arrestment Motor	Gear Case Motor	Globe Industries	43A1468	1	CP3:850-E-1	✓
Encoder	Binary V-Scan Brush Encoder	Singer Librascope	719-11-1501	2	CP4:850-E-1	✓
Leveling Drive Motor	Tormax Step Servo Motor 90° PM	IMC Magnetics	008-845-24	2	CP5:850-E-1	✓
Screw Drive Motor	Tormax Step Servo Motor and Gear Head	IMC Magnetics	008-849	2	CP6:850-E-1	✓
Pressure Transducer	Ultra Low Pressure Transducer	MetroPhysics, Inc.	103123	1	CP7:850-E-1	
Mass Changing Potentiometer	Precision Potentiometer	Bourns, Inc.	3700S-464-104	1	CP9:850-E-1	✓
Precision Thermistor	Precision Thermistor	Yellow Springs Instrument	44032	7	CP10:850-E-1	
Survival Heater	Resistance Heater	Electrofilm, Inc.	112434-2	1	CP11:850-E-1	
Instrument Housing Heater	Resistance Heater	Electrofilm, Inc.	112434-1	4	CP12:850-E-1	

✓ Life Expectancy: more than 150 hours; less than 1000 hours.

LUNAR SURFACE GRAVIMETER

thur D Little Inc

Bendix Subcontract SC-850
C-73007

DATE: 25 June 1971

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Part Name	Generic Name	Manufacturer	Mfg. Part No.	Qty.	Spec. No.	Limited Life
Capacitor	High Reliability Tantalum Capacitor	General Electric	16K272 AB	1	MIL-C-39006	
Resistor	Type ARH Aluminum Housed Established Reliability Resistor	Dale Electronics	ARH10-RER65	4	MIL-R-39009	
25 Pin Connector	D Subminiature Rectangular Connector	ITT Cannon	DBH19616-194	1	MIL-C-24308	
50 Pin Connector	D Subminiature Rectangular Connector	ITT Cannon	DDH19618-149	1	MIL-C-24308	
Thermostatic Switch	Klixon Switch	Texas Instrument	M110509172	1	BxA S.C.D. 2346265 MIL-S-24236A	
Terminal	Cambion Terminal	Cambion, Inc.	#1503-D1-0119		Catalog	



**Aerospace
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EEE COMPOSITE PARTS LIST**

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TABLE III

**HFE
(GULTON)**



**Aerospace
Systems Division**

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TABLE III

HEAT FLOW EXPERIMENT
(GULTON INDUSTRIES)

PART NAME	PART TYPE	MILSPEC	VENDOR
CAPACITOR	CKR	C-39014	QPL
CAPACITOR	CSR13	C-39003	QPL
CAPACITOR	CYFR10		CORNING
DIODE	FD300X		FAIRCHILD
CAPACITOR	CKY10		CORNING
RESISTOR	S102		VISHAY
INDUCTOR	1870		DELEVAN
RELAY, REED	G10-2A-12		HOLLISTER
RESISTOR	153A		ULTRONIX
DIODE	1N750A-SER		DICKSON
TRANSISTOR	2N2222A		AMELCO
TRANSISTOR	2N2907A		
RESISTOR	K-1654		KELVIN
TRANSISTOR	MD3251H		MOTOROLA
MICRO-CKT	9040		FAIRCHILD
MICRO-CKT	9041		FAIRCHILD
MICRO-CKT	932		FAIRCHILD
MICRO-CKT	944		FAIRCHILD
MICRO-CKT	946		FAIRCHILD
RESISTOR	RCR	C-39007	A-B
RESISTOR	RNRXXC	R-55182	MEPCO