

Indented Bill of Material

Date: 05/12/2003

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All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fpartrev)=[DEFAULT

502.80243.52

X3]

None, All Dates

Facility Default

Parent Part No 502.80243.52

Rev X3

Effectivity Date / /

Last Revision 04/11/2003

Description PWA, RX INJECTION VHF (138 MHZ)

Level	Component Part No	Rev	Description	Quantity	U/M	Source
1	Default 110.0173.106	000	CAP,SM,TANT,10UF,10%,10V,PANA	2.00	EA	Stock
	Item # 000014		BOM Memo : C29,30			
1	Default 110.0173.475	000	CAP,SM,TANT,10V,10%,4.7UF	4.00	EA	Stock
	Item # 000011		BOM Memo : C10,17,27,28			
1	Default 110.0174.100	000	CAP SMT CER 10PF 50V 0603	1.00	EA	Stock
	Item # 000016		BOM Memo : C42			
1	Default 110.0174.101	A	CAP,SM,CER,100PF,50V,5%,PANA	3.00	EA	Stock
	Item # 000013		BOM Memo : C26,36,49			
1	Default 110.0174.102	A	CAP,SM,CERAMIC,1000PF,50V,10%,0603	10.00	EA	Stock
	Item # 000006		BOM Memo : C1,2,12,18,19,23,38,39,40,48			
1	Default 110.0174.103	A	CAP,SM,CERAMIC,.01UF,50V,10%,0603	1.00	EA	Stock
	Item # 000012		BOM Memo : C25			
1	Default 110.0174.150	000	CAP SM CER 15PF 50V 0603	2.00	EA	Stock
	Item # 000017		BOM Memo : C41,44			
1	Default 110.0174.223	000	CAP SMT CER .022UF 10% 0603	2.00	EA	Stock
	Item # 000008		BOM Memo : C5,C6			
1	Default 110.0174.471	A	CAP,SM,CER,470PF,50V,10% 0603 PANA	1.00	EA	Stock
	Item # 000019		BOM Memo : C47			
1	Default 110.0183.154	000	CAP SMT TANT.15UF 35V SIZE A 10%	1.00	EA	Stock
	Item # 000009		BOM Memo : C8			
1	Default 110.0189.104	A	CAP,SM,CERAMIC,.1UF,16V,0603	13.00	EA	Stock
	Item # 000007		BOM Memo : C3,4,7,20,21,22,24,31-35,45			
1	Default 110.0207.3R9	000	CAP SMT CER 3.9PF +/- .1PF 50V 0603	1.00	EA	Stock
	Item # 000018		BOM Memo : C46			
1	Default 110.0207.4R7	000	CAP SMT CER 4.7PF 50V 0603	1.00	EA	Stock
	Item # 000015		BOM Memo : C37			
1	Default 114.0069.001	A	DIODE,SM,D-SCHOTTKY,30V,200MA	1.00	EA	Stock
	Item # 000002		BOM Memo : CR1			
1	Default 114.0076.002	A	VRCTR HYPERABRUPT JUNCT TUNING SC79	1.00	EA	Stock
	Item # 000004		BOM Memo : CR3			

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All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fpartrev)=[DEFAULT

502.80243.52

X3]

None, All Dates

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Facility Default

Parent Part No 502.80243.52

Rev X3

Effectivity Date / /

Last Revision 04/11/2003

Description PWA, RX INJECTION VHF (138 MHZ)

Level	Component Part No	Rev	Description	Quantity	U/M	Source
1	Default 120.0252.007	000	TERM BD 7 POS CAGE-CLAMP .10' CTR	1.00	EA	Stock
	Item # 000040		BOM Memo : TB1			
1	Default 124.0570.001	A	CONN,SM,EX-RETEN MACOM HPA9	3.00	EA	Stock
	Item # 000026		BOM Memo : P1,2,3			
1	Default 128.0118.003	000	INDUCTOR SMT 0805CS 330NH	1.00	EA	Stock
	Item # 000022		BOM Memo : L5			
1	Default 128.0118.221	A	INDUCTOR SMT 220NH 5% 400MA 0805CS	1.00	EA	Stock
	Item # 000023		BOM Memo : L6			
1	Default 128.0118.820	A	INDUCTOR SMT 82NH 5% 400MA 0805CS	1.00	EA	Stock
	Item # 000024		BOM Memo : L7			
1	Default 138.0074.100	000	RES,SM,5%,1/16W,10 OHM,5% PANA	1.00	EA	Stock
	Item # 000037		BOM Memo : R17			
1	Default 138.0074.102	A	RES,SM,THK FILM,1K OHM,5%,1/16W	2.00	EA	Stock
	Item # 000032		BOM Memo : R9,18			
1	Default 138.0074.103	000	RES,SM,THK FILM,10K,1/16W,5%	2.00	EA	Stock
	Item # 000034		BOM Memo : R11,12			
1	Default 138.0074.104	A	RES,SM,THK FILM,100K OHM,5%,1/16W	1.00	EA	Stock
	Item # 000030		BOM Memo : R4			
1	Default 138.0074.151	A	RES,SM,THK FILM,150 OHM,5%,1/16W	1.00	EA	Stock
	Item # 000038		BOM Memo : R20			
1	Default 138.0074.221	A	RES,SM,THK FILM,220 OHM,5%,1/16W	1.00	EA	Stock
	Item # 000029		BOM Memo : R3			
1	Default 138.0074.360	000	RES SMT THK FILM 360HMS 1/16W 0803	2.00	EA	Stock
	Item # 000028		BOM Memo : R2,R19			
1	Default 138.0074.392	A	RES,SM,THK FILM,3.9K OHM,5%,1/16W	1.00	EA	Stock
	Item # 000027		BOM Memo : R1			
1	Default 138.0074.510	000	RES SMT THK FILM 51 OHM 1/16W 0803	1.00	EA	Stock
	Item # 000039		BOM Memo : R21			
1	Default 138.0075.103	A	POT,SM,TRIM 10K,3MM,30% PANA	1.00	EA	Stock
	Item # 000033		BOM Memo : R10			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

None, All Dates

502.80243.52

X3]

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Facility Default

Parent Part No 502.80243.52

Description PWA, RX INJECTION VHF (138 MHZ)

Rev X3

Effectivity Date / /

Last Revision 04/11/2003

Level	Component Part No	Rev	Description	Quantity	U/M	Source
1	Default 138.0076.066	000	RES SMT THK FILM 4.02K 1/16W 0603	1.00	EA	Stock
	Item # 000031 BOM Memo : R5					
1	Default 138.0076.067	000	RES SMT THK FILM 768K 1/16W 0603	1.00	EA	Stock
	Item # 000036 BOM Memo : R15					
1	Default 138.0077.301	000	RES SM THK FLN 300 OHM 1/4W 5% 1210	2.00	EA	Stock
	Item # 000035 BOM Memo : R13,14					
1	Default 138.0086.510	000	RES SMT THK FILM 51 OHM 1/10W 0805	1.00	EA	Stock
	Item # 000025 BOM Memo : L8					
1	Default 150.0118.002	000	RF AMP DC-3 GHZ 50 OHM 75MA	1.00	EA	Stock
	Item # 000044 BOM Memo : U6					
1	Default 160.0011.004	A	VCTCXO SMT 5V SUPPLY 30PPM 12.00MHZ	1.00	EA	Stock
	Item # 000048 BOM Memo : Y1					
1	Default 162.0604.001	P	IC,SM,2-WAY PWR-DIVIDER	3.00	EA	Stock
	Item # 000043 BOM Memo : U3,4,5					
1	Default 162.0605.002	A	IC,VOLT REG,ZETEX DT800	1.00	EA	Stock
	Item # 000003 BOM Memo : CR2					
1	Default 162.0701.001	000	IC V.R. LINEAR 250MA 9V SOT-89	1.00	EA	Stock
	Item # 000046 BOM Memo : VR1					
1	Default 162.0703.001	000	IC SMT 1GHZ FREQ SYNTH SO-20	1.00	EA	Stock
	Item # 000042 BOM Memo : U2					
1	Default 162.0704.001	000	IC VOLT REG LO-DP 5V SOT23	1.00	EA	Stock
	Item # 000047 BOM Memo : VR2					
1	Default 162.0717.001	000	IC SMT HEX N-INVERT SCH/TRIG SO-14	1.00	EA	Stock
	Item # 000041 BOM Memo : U1					
1	Default 162.0731.001	000	IC RF OSCILLATOR W/BUFFERED OUTPUTS	1.00	EA	Stock
	Item # 000045 BOM Memo : U7					
1	Default 502.80244	X3	PWB, RX INJECTION (VHF)	1.00	EA	Stock
	Item # 000001					

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All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80251.53

X4]

None, All Dates

Date: 05/13/2003

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Parent Part No 502.80251.53

Rev X4

Effectivity Date / /

Last Revision 04/11/2003

Description PWA,EXCITER (138 MHZ)

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	07010067	X1	XSTR,SM 350MW 40V D/K HP8A	2.00	EA	Stock
	Item #	000032		BOM Memo : Q2,Q3			
1	Default	09010072	X1	DIODE SMT 100V DGKEY DR800	1.00	EA	Stock
	Item #	000003		BOM Memo : CR1			
1	Default	110.0173.106	000	CAP,SM,TANT,10UF,10%,10V,PANA	2.00	EA	Stock
	Item #	000007		BOM Memo : C6,9			
1	Default	110.0173.475	000	CAP,SM,TANT,10V,10%,4.7UF	3.00	EA	Stock
	Item #	000012		BOM Memo : C24,26,31			
1	Default	110.0174.060	X1	CAP,SM,CERAMIC,6PF,50V,5PF%	2.00	EA	Stock
	Item #	000018		BOM Memo : C48,C49			
1	Default	110.0174.101	A	CAP,SM,CER,100PF,50V,5%,PANA	1.00	EA	Stock
	Item #	000014		BOM Memo : C36			
1	Default	110.0174.102	A	CAP,SM,CERAMIC,1000PF,50V,10%,0603	13.00	EA	Stock
	Item #	000011		BOM Memo : C22,23,25,27,30,32-35,51,56,58,59			
1	Default	110.0174.103	A	CAP,SM,CERAMIC,.01UF,50V,10%,0603	4.00	EA	Stock
	Item #	000005		BOM Memo : C1,41,47,54			
1	Default	110.0174.104	A	CAP,SM,CERAMIC,.1UF,16V,10%,0603	19.00	EA	Stock
	Item #	000006		BOM Memo : C2-5,7,8,10,12-15,17,20,21,38-40,42,43			
1	Default	110.0174.121	000	CAP SMT CER 120PF 50V 5% 0603	1.00	EA	Stock
	Item #	000009		BOM Memo : C16			
1	Default	110.0174.150	000	CAP SM CER 15PF 50V 0603	2.00	EA	Stock
	Item #	000021		BOM Memo : C52,53			
1	Default	110.0174.223	000	CAP SMT CER .022UF 10% 0603	2.00	EA	Stock
	Item #	000013		BOM Memo : C26,29			
1	Default	110.0174.332	A	CAP SMT CER 3300PF 50V 5% 0603	1.00	EA	Stock
	Item #	000017		BOM Memo : C46			
1	Default	110.0183.154	000	CAP SMT TANT.15UF 35V SIZE A 10%	1.00	EA	Stock
	Item #	000016		BOM Memo : C45			
1	Default	110.0199.105	000	CAP SMT TANT 1UF 10V 10% SIZE P(=A)	1.00	EA	Stock
	Item #	000022		BOM Memo : C57			

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All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80251.53

X4]

None, All Dates

Date: 05/13/2003

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Facility Default

Parent Part No 502.80251.53

Rev X4

Effectivity Date / /

Last Revision 04/11/2003

Description PWA,EXCITER (138 MHZ)

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	110.0203.107	000	CAP SM TNT 100UF 10V 10% SIZE D LO-	1.00	EA	Stock
	Item #	000008		BOM Memo : C11			
1	Default	114.0078.001	000	TUNING VARACTOR SOD-323	1.00	EA	Stock
	Item #	000004		BOM Memo : CR2			
1	Default	120.0252.010	000	TERM BD 10 POS CAGE-CLAMP .10" CTR	1.00	EA	Stock
	Item #	000052		BOM Memo : TB1			
1	Default	12100324	A	IC SM PWR MOSFET DT800	1.00	EA	Stock
	Item #	000031		BOM Memo : Q1			
1	Default	124.0570.001	A	CONN,SM,EX-RETEN MACOM HPA9	1.00	EA	Stock
	Item #	000029		BOM Memo : P1			
1	Default	128.0107.002	000	ATTENUATOR FIXED SMT DC-7000 MHZ	1.00	EA	Stock
	Item #	000002		BOM Memo : AT1			
1	Default	128.0118.180	A	INDUCTOR SMT 18NH 5% 600MA 0805CS	1.00	EA	Stock
	Item #	000028		BOM Memo : L4			
1	Default	128.0119.002	000	INDUCTOR SMT 1008CS 1.2UH	1.00	EA	Stock
	Item #	000025		BOM Memo : L1			
1	Default	128.0124.121	A	INDUC MIDI SPRING 120NH 5% 1.5A	1.00	EA	Stock
	Item #	000026		BOM Memo : L2			
1	Default	13100005	X1	SWITCH SM 50-25MHZ DR800	1.00	EA	Stock
	Item #	000059		BOM Memo : U7			
1	Default	138.0074.0R0	000	RES SMT THK FILM 0 OHM 1/16W 0603	1.00	EA	Stock
	Item #	000047		BOM Memo : R40			
1	Default	138.0074.100	000	RES,SM,5%, 1/16W,10 OHM,5% PANA	1.00	EA	Stock
	Item #	000048		BOM Memo : R42			
1	Default	138.0074.101	000	RES SMT THK FILM 100 OHM 1/16W 0603	3.00	EA	Stock
	Item #	000041		BOM Memo : R25,26,39			
1	Default	138.0074.102	A	RES,SM,THK FILM,1K OHM,5%, 1/16W	1.00	EA	Stock
	Item #	000049		BOM Memo : R45			
1	Default	138.0074.103	000	RES,SM,THK FILM,10K, 1/16W,5%	14.00	EA	Stock
	Item #	000034		BOM Memo : R2,3,8,13-17,22,23,27,38,43,44			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80251.53

X4]

None, All Dates

Date: 05/13/2003

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Facility Default

Parent Part No 502.80251.53

Rev X4

Effectivity Date / /

Last Revision 04/11/2003

Description PWA,EXCITER (138 MHZ)

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	138.0074.104	A	RES,SM,THK FILM,100K OHM,5%,1/16W	4.00	EA	Stock
	Item #	000033		BOM Memo : R1,9,21,28			
1	Default	138.0074.203	A	RES,SM,THK FILM,20K OHM, 1/16W,5%	3.00	EA	Stock
	Item #	000039		BOM Memo : R19,20,32			
1	Default	138.0074.221	A	RES,SM,THK FILM,220 OHM,5%, 1/16W	1.00	EA	Stock
	Item #	000042		BOM Memo : R30			
1	Default	138.0074.271	A	RES SM TH FLM 270 OHM 5% 1/16W 0603	1.00	EA	Stock
	Item #	000027		BOM Memo : L3			
1	Default	138.0074.392	A	RES,SM,THK FILM,3.9K OHM,5%, 1/16W	1.00	EA	Stock
	Item #	000043		BOM Memo : R31			
1	Default	138.0074.470	A	RES,SM,THK FILM,47 OHM,5%,1/16W	1.00	EA	Stock
	Item #	000037		BOM Memo : R11			
1	Default	138.0074.472	A	RES,SM,THK FILM,4.7K OHM,5%, 1/16W	5.00	EA	Stock
	Item #	000035		BOM Memo : R4-7,29			
1	Default	138.0074.473	A	RES,SM,THK FILM,47K OHM,5%, 1/16W	1.00	EA	Stock
	Item #	000040		BOM Memo : R24			
1	Default	138.0074.510	000	RES SMT THK FILM 51 OHM 1/16W 0603	3.00	EA	Stock
	Item #	000044		BOM Memo : R33,41,46			
1	Default	138.0075.103	A	POT,SM,TRIM 10K,3MM,30% PANA	1.00	EA	Stock
	Item #	000051		BOM Memo : RV1			
1	Default	138.0075.104	A	POT,SM,TRIM,100K,3MM,.05W,PANA	2.00	EA	Stock
	Item #	000038		BOM Memo : R12,18			
1	Default	138.0077.301	000	RES SM THK FLM 300 OHM 1/4W 5% 1210	2.00	EA	Stock
	Item #	000045		BOM Memo : R34,35			
1	Default	138.0079.069	000	RES SMT THK F 51OHM 1% 0805	1.00	EA	Stock
	Item #	000046		BOM Memo : R36			
1	Default	150.0118.002	000	RF AMP DC-3 GHZ 50 OHM 75MA	1.00	EA	Stock
	Item #	000060		BOM Memo : U8			
1	Default	160.0011.004	A	VCTCXO SMT 5V SUPPLY 30PPM 12.00MHZ	1.00	EA	Stock
	Item #	000067		BOM Memo : Y1			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80251.53

X4]

None, All Dates

Date: 04/11/2003
Time: 08:20:26
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Facility Default

Parent Part No 502.80251.53

Description PWA,EXCITER (138 MHZ)

Rev X4

Effectivity Date / /

Last Revision 04/11/2003

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	162.0598.002	000	IC SM HEX INVERT	1.00	EA	Stock
	Item #	000053		BOM Memo : U1			
1	Default	162.0604.001	P	IC,SM,2-WAY PWR-DIVIDER	1.00	EA	Stock
	Item #	000062		BOM Memo : U10			
1	Default	162.0613.001	P	IC,SM,LIN-CMOS,DUAL OP-AMP	1.00	EA	Stock
	Item #	000057		BOM Memo : U5			
1	Default	162.0654.001	A	IC,PRECISION 1 AMP,REG 5V,TO-220	1.00	EA	Stock
	Item #	000066		BOM Memo : VR2			
1	Default	162.0678.001	A	IC, 8TH-ORDER LOWPASS BESSEL FILTER	1.00	EA	Stock
	Item #	000058		BOM Memo : U6			
1	Default	162.0701.001	000	IC V.R. LINEAR 250MA 9V SOT-89	1.00	EA	Stock
	Item #	000065		BOM Memo : VR1			
1	Default	162.0702.002	000	IC V REG 5.0V W/OFF SW SOT-23L	1.00	EA	Stock
	Item #	000055		BOM Memo : U3			
1	Default	162.0703.001	000	IC SMT 1GHZ FREQ SYNTH SO-20	1.00	EA	Stock
	Item #	000061		BOM Memo : U9			
1	Default	162.0724.002	000	IC SM QUAD OP-AMP SO-14	1.00	EA	Stock
	Item #	000056		BOM Memo : U4			
1	Default	162.0725.001	000	IC SM HEX SCHMITT TRIGGER INV SO-14	1.00	EA	Stock
	Item #	000054		BOM Memo : U2			
1	Default	162.0731.001	000	IC RF OSCILLATOR W/BUFFERED OUTPUTS	1.00	EA	Stock
	Item #	000063		BOM Memo : U11			
1	Default	502.80252	X4	PWB, VHF EXCITER	1.00	EA	Stock
	Item #	000001					

End Of Report

This report was requested by ML

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80240.51

X43]

None, All Dates

Date: 05/13/2003

Time :07:59:17

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Facility Default

Parent Part No 502.80240.51

Rev X43

Effectivity Date / /

Last Revision 06/28/2002

Description PWA, VHF RECEIVER, 135-142.3MHZ

Level	Component Part No	Rev	Description	Quantity	U/M	Source
1	Default 08010062	P	XTAL 44.545000 MHZ	1.00	EA	Stock
	Item # 000049		BOM Memo : Y1			
1	Default 110.0174.101	A	CAP,SM,CER,100PF,50V,5%,PANA	6.00	EA	Stock
	Item # 000003		BOM Memo : C2,7,21,28,32,33			
1	Default 110.0174.102	A	CAP.,SM,CERAMIC,1000PF,50V,10%,0603	1.00	EA	Stock
	Item # 000002		BOM Memo : C1			
1	Default 110.0174.103	A	CAP.,SM,CERAMIC,.01UF,50V,10%,0603	4.00	EA	Stock
	Item # 000012		BOM Memo : C23,25,30,31			
1	Default 110.0174.104	A	CAP,SM,CERAMIC,.1UF,16V,10%,0603	1.00	EA	Stock
	Item # 000011		BOM Memo : C22			
1	Default 110.0174.121	000	CAP SMT CER 120PF 50V 5% 0603	1.00	EA	Stock
	Item # 000016		BOM Memo : C29			
1	Default 110.0174.150	000	CAP SM CER 15PF 50V 0603	1.00	EA	Stock
	Item # 000013		BOM Memo : C24			
1	Default 110.0174.153	000	CAP SMT CER .015UF 50V 10% 0603	1.00	EA	Stock
	Item # 000008		BOM Memo : C13			
1	Default 110.0174.821	000	CAP SMT CER 820PF 50V 10% 0603	1.00	EA	Stock
	Item # 000014		BOM Memo : C26			
1	Default 110.0175.105	A	CAP,SM,CER,1UF,16V,MURATA 1206	1.00	EA	Stock
	Item # 000007		BOM Memo : C12			
1	Default 110.0177.152	A	CAP,SM,CER,1500PF,50V,MURATA	1.00	EA	Stock
	Item # 000017		BOM Memo : C35			
1	Default 110.0180.102	000	CAP SMT CER 1000PF 50V 10% 0805	1.00	EA	Stock
	Item # 000006		BOM Memo : C11			
1	Default 110.0180.103	000	CAP SMT CER .01UF 50V 10% 0805	4.00	EA	Stock
	Item # 000004		BOM Memo : C3,6,10,34			
1	Default 110.0182.104	P	CAP,SM,CERAMIC,.1UF,50V,10% 1206	6.00	EA	Stock
	Item # 000009		BOM Memo : C14-C19			
1	Default 110.0195.004	000	CAP SM VAR 4.5-20PF RED	1.00	EA	Stock
	Item # 000015		BOM Memo : C27			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT 502.80240.51 X43]

None, All Dates

Date: 05/13/2003

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Parent Part No 502.80240.51

Rev X43

Effectivity Date / /

Last Revision 06/28/2002

Description PWA, VHF RECEIVER, 135-142.3MHZ

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	110.0198.003	000	CAP SMT TRIM 3.0-10PF 2.2X3.1X1.2MM	5.00	EA	Stock
	Item #	000005		BOM Memo : C4,5,8,9,CV1			
1	Default	110.0203.107	000	CAP SM TNT 100UF 10V 10% SIZE D LO-	1.00	EA	Stock
	Item #	000010		BOM Memo : C20			
1	Default	120.0252.004	000	TERM BD 4 POS CAGE-CLAMP	1.00	EA	Stock
	Item #	000044		BOM Memo : TB1			
1	Default	124.0570.001	A	CONN,SM,EX-RETEN MACOM HPA9	1.00	EA	Stock
	Item #	000030		BOM Memo : P1			
1	Default	127.0014.002	A	FLT XTAL MONO 45.000MHZ HC80X2	2.00	EA	Stock
	Item #	000025		BOM Memo : FLT4/FLT5			
1	Default	127.0015.001	000	FILTER IF, MURATA, SFGCG455DX	2.00	EA	Stock
	Item #	000050		BOM Memo : Y2,Y3			
1	Default	127.0018.001	A	FILTER,CERAMIC DISCRIMINATOR,455KHZ	1.00	EA	Stock
	Item #	000024		BOM Memo : FLT3			
1	Default	127.0022.139	000	SAW FILTER, 139 MHZ	2.00	EA	Stock
	Item #	000023		BOM Memo : FLT1,FLT2			
1	Default	128.0118.001	000	INDUCTOR SMT 0805CS 100NH	5.00	EA	Stock
	Item #	000027		BOM Memo : L1-L5			
1	Default	128.0119.002	000	INDUCTOR SMT 1008CS 1.2UH	1.00	EA	Stock
	Item #	000028		BOM Memo : L6			
1	Default	128.0127.001	000	INDUCTOR VARIABLE SMT 4.7UH 4%	1.00	EA	Stock
	Item #	000029		BOM Memo : L7			
1	Default	138.0074.104	A	RES,SM,THK FILM,100K OHM,5%,1/16W	5.00	EA	Stock
	Item #	000036		BOM Memo : R4,5,6,14,15			
1	Default	138.0074.153	000	RES,SM,5%,1/16W,15K OHM,PANA	1.00	EA	Stock
	Item #	000040		BOM Memo : R12			
1	Default	138.0074.182	000	RES SMT THK FILM 1.8K 1/16W 0603	1.00	EA	Stock
	Item #	000041		BOM Memo : R13			
1	Default	138.0074.301	A	RES,SM,THK FILM,300 OHM,5%,1/16W	1.00	EA	Stock
	Item #	000033		BOM Memo : R1			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.#PartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80240.51

X43]

None, All Dates

Date: 05/13/2003

Time :07:59:19

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Facility Default

Parent Part No 502.80240.51

Rev X43

Effectivity Date / /

Last Revision 06/28/2002

Description PWA, VHF RECEIVER, 135-142.3MHZ

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	138.0074.392	A	RES,SM,THK FILM,3.9K OHM,5%,1/16W	1.00	EA	Stock
	Item #	000034		BOM Memo : R2			
1	Default	138.0074.472	A	RES,SM,THK FILM,4.7K OHM,5%,1/16W	2.00	EA	Stock
	Item #	000038		BOM Memo : R9,10			
1	Default	138.0074.510	000	RES SMT THK FILM 51 OHM 1/16W 0603	2.00	EA	Stock
	Item #	000037		BOM Memo : R7,8			
1	Default	138.0074.561	000	RES SM THK FILM 560 OHM 1/16W 0603	1.00	EA	Stock
	Item #	000039		BOM Memo : R11			
1	Default	138.0074.621	A	RES,SM,THK FILM,620 OHM,1/16W,5%	2.00	EA	Stock
	Item #	000042		BOM Memo : R16,18			
1	Default	138.0077.300	000	RES SM THK FILM 30 OHM 1/4W 5% 1210	1.00	EA	Stock
	Item #	000035		BOM Memo : R3			
1	Default	150.0118.004	000	AMPLIFIER DEVICE DC-4000MHZ	1.00	EA	Stock
	Item #	000046		BOM Memo : U2			
1	Default	162.0613.001	P	IC,SM,LIN-CMOS,DUAL OP-AMP	1.00	EA	Stock
	Item #	000048		BOM Memo : U4			
1	Default	162.0673.001	000	IC SM HI-PERFORMANCE IF SYS SO-20	1.00	EA	Stock
	Item #	000047		BOM Memo : U3			
1	Default	162.0719.002	000	IC MMIC MIXER SOT363	1.00	EA	Stock
	Item #	000045		BOM Memo : U1			
1	Default	267.0045.001	A	INSULATING PAD .31 X .125 X .031"	2.00	EA	Stock
	Item #	000026		BOM Memo : XFLT4/XFLT5			
1	Default	502.80241	X4	PWB, RECEIVER (VHF)	1.00	EA	Stock
	Item #	000001					

End Of Report

This report was requested by ML

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80246.52

X2]

None, All Dates

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Time :08:17:29

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Facility Default

Parent Part No 502.80246.52

Rev X2

Effectivity Date / /

Last Revision 04/11/2003

Description PWA, POWER AMP VHF (138 MHZ)

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	110.0174.101	A	CAP,SM,CER,100PF,50V,5%,PANA	1.00	EA	Stock
	Item # 000014			BOM Memo : C19			
1	Default	110.0174.102	A	CAP,SM,CERAMIC,1000PF,50V,10%,0603	1.00	EA	Stock
	Item # 000011			BOM Memo : C13			
1	Default	110.0174.103	A	CAP,SM,CERAMIC,.01UF,50V,10%,0603	2.00	EA	Stock
	Item # 000003			BOM Memo : C1,C2			
1	Default	110.0174.121	000	CAP SMT CER 120PF 50V 5% 0603	1.00	EA	Stock
	Item # 000013			BOM Memo : C17			
1	Default	110.0174.220	000	CAP SMT CER 22PF 50V 5% 0603	1.00	EA	Stock
	Item # 000009			BOM Memo : C10			
1	Default	110.0174.330	A	CAP,SM,CER,33PF,50V,5% 0603	1.00	EA	Stock
	Item # 000010			BOM Memo : C11			
1	Default	110.0174.331	A	CAP SMT CER 330PF 50V 5% 0603	4.00	EA	Stock
	Item # 000008			BOM Memo : C9,12,14,20			
1	Default	110.0182.105	P	CAP,SM,CER,1UF,25V,+80-20% 1206	2.00	EA	Stock
	Item # 000005			BOM Memo : C5,C6			
1	Default	110.0189.104	A	CAP,SM,CERAMIC,.1UF,16V,0603	4.00	EA	Stock
	Item # 000004			BOM Memo : C3,4,16,18			
1	Default	110.0194.226	A	CAP,SM,TANT,22UF,16V,20%,SIZE D	1.00	EA	Stock
	Item # 000016			BOM Memo : C22			
1	Default	110.0200.106	A	CAP SMT TANT 10UF 6.3V 10% SIZE A	1.00	EA	Stock
	Item # 000012			BOM Memo : C15			
1	Default	110.0204.102	A	CAP SMT HI-Q 1000PF 50V 5% SIZE B	1.00	EA	Stock
	Item # 000017			BOM Memo : C23			
1	Default	110.0204.240	A	CAP SMT HI-Q 24PF 500V 1% SIZE B	1.00	EA	Stock
	Item # 000006			BOM Memo : C7			
1	Default	110.0204.3R6	000	CAP, CER HI-FREQ 3.6PF 1210	1.00	EA	Stock
	Item # 000018			BOM Memo : C25			
1	Default	110.0207.6R8	000	CAP SMT CER 6.8PF 50V 0603	1.00	EA	Stock
	Item # 000015			BOM Memo : C21			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT

502.80246.52

X2]

None, All Dates

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Parent Part No 502.80246.52

Rev X2

Effectivity Date / /

Last Revision 04/11/2003

Description PWA, POWER AMP VHF (138 MHZ)

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	124.0570.001	A	CONN,SM,EX-RETEN MACOM HPA9	1.00	EA	Stock
	Item # 000028			BOM Memo : P1			
1	Default	128.0105.003	A	IND MINI SPRING AIR 8NH 150MHX 4A	1.00	EA	Stock
	Item # 000027			BOM Memo : L9			
1	Default	128.0106.002	X1	INDUCTOR,SM,5.6NH,300MA DR800	1.00	EA	Stock
	Item # 000021			BOM Memo : L3			
1	Default	128.0106.006	A	INDUCTOR,SM,100NH TOKO	1.00	EA	Stock
	Item # 000025			BOM Memo : L7			
1	Default	128.0106.007	P	INDUCTOR,SM,22.0NH,2000MZ TOKO	1.00	EA	Stock
	Item # 000022			BOM Memo : L4			
1	Default	128.0107.003	000	ATTENUATOR FIXED SMT DC-7000 MHZ	1.00	EA	Stock
	Item # 000002			BOM Memo : AT1			
1	Default	128.0118.002	000	INDUCTOR SMT 0805CS 22NH	1.00	EA	Stock
	Item # 000020			BOM Memo : L2			
1	Default	128.0122.001	000	INDUCTOR SMT 0603CS 120NH	1.00	EA	Stock
	Item # 000023			BOM Memo : L5			
1	Default	128.0122.002	000	INDUCTOR SMT 0603CS 150NH	1.00	EA	Stock
	Item # 000024			BOM Memo : L6			
1	Default	128.0124.470	A	MIDI SPRING IND 47NH 2.5A 1812 SMS	1.00	EA	Stock
	Item # 000019			BOM Memo : L1			
1	Default	128.0124.680	A	INDUC MIDI SPRING 68NH 2.5A 1812SMS	1.00	EA	Stock
	Item # 000026			BOM Memo : L8			
1	Default	138.0074.101	000	RES SMT THK FILM 100 OHM 1/16W 0603	2.00	EA	Stock
	Item # 000031			BOM Memo : R1,R2			
1	Default	138.0074.102	A	RES,SM,THK FILM,1K OHM,5%,1/16W	1.00	EA	Stock
	Item # 000033			BOM Memo : R4			
1	Default	138.0074.333	000	RES,SM,5%,1/16W,33K OHM PANA	1.00	EA	Stock
	Item # 000032			BOM Memo : R3			
1	Default	138.0075.102	000	POT SMT TRIMMER 1K .05W 30% 3MM	1.00	EA	Stock
	Item # 000029			BOM Memo : RV1			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.facilityid)+UPPER(InBomm.fPartNo)+UPPER(InBomm.fcpartrev)=[DEFAULT 502.80246.52 X2]

None, All Dates

Date: 05/13/2003
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Parent Part No 502.80246.52

Rev X2

Effectivity Date / /

Last Revision 04/11/2003

Description PWA, POWER AMP VHF (138 MHZ)

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	138.0075.203	000	POT SMT TRIMMER 20K .05W 30% 3MM	1.00	EA	Stock
	Item #	000030		BOM Memo : RV2			
1	Default	162.0683.001	000	REG 1A LO DROPOUT ADJ TO-263	1.00	EA	Stock
	Item #	000037		BOM Memo : VR1			
1	Default	162.0730.001	A	IC MEDIUM PWR LINEAR AMP SO-14	1.00	EA	Stock
	Item #	000035		BOM Memo : U1			
1	Default	502.80247	X2	PWB, IP1 POWER AMP	1.00	EA	Stock
	Item #	000001					

End Of Report

This report was requested by ML

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.FacilityID+InBomm.fPartNo+InBomm.fcpartrev)=[DEFAULT 502.80280.51 X24]
None, All Dates

Date: 05/12/2003
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Facility Default

Effectivity Date / /

Parent Part No 502.80280.51

Rev X24

Last Revision 11/19/2002

Description IP SYSTEM CONTROLLER ETH & GPS

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	03140119	A	CAP SM TANT 100UF 10V 10% SIZE D	1.00	EA	Stock
	Item #	000007		BOM Memo : C27			
1	Default	09010073	X	DIODE,SM 50V 1.5A GI D-RADIO	1.00	EA	Stock
	Item #	000020		BOM Memo : D5			
1	Default	09030037	A	LED SM RED S-TYPE PANA	4.00	EA	Stock
	Item #	000019		BOM Memo : D1,2,3,4			
1	Default	101.0002.001	000	TEST POINT MINI SMT	10.00	EA	Stock
	Item #	000056		BOM Memo : TP1,2,3,5,6,7,9-12			
1	Default	110.0173.226	000	CAP SMT TANT TE 22UF 10V SIZE C	1.00	EA	Stock
	Item #	000002		BOM Memo : C1			
1	Default	110.0174.101	A	CAP,SM,CER,100PF,50V,5%,PANA	1.00	EA	Stock
	Item #	000016		BOM Memo : C85			
1	Default	110.0174.102	A	CAP,SM,CERAMIC,1000PF,50V,10%,0603	7.00	EA	Stock
	Item #	000004		BOM Memo : C15,18,22,35,70-72			
1	Default	110.0174.121	000	CAP SMT CER 120PF 50V 5% 0603	1.00	EA	Stock
	Item #	000012		BOM Memo : C64			
1	Default	110.0174.271	000	CAP SMT CER 270PF 50V 5% 0603	3.00	EA	Stock
	Item #	000011		BOM Memo : C51,62,63			
1	Default	110.0174.472	A	CAP,SM,CER,4700PF,50V,10%,0603	6.00	EA	Stock
	Item #	000009		BOM Memo : C42,43,47,48,51,52			
1	Default	110.0174.680	P	CAP,SM,CER,68PF,50V, 0603 PANA	1.00	EA	Stock
	Item #	000014		BOM Memo : C73			
1	Default	110.0174.820	A	CAP,SM,CERAMIC,82PF,50V,0603	4.00	EA	Stock
	Item #	000008		BOM Memo : C41,44,46,50			
1	Default	110.0175.684	000	CAP SMT MONO CER .68UF 16V 1206	1.00	EA	Stock
	Item #	000013		BOM Memo : C68			
1	Default	110.0188.105	A	CAP,SM,TANT,1UF,25V,20%,SIZE A	1.00	EA	Stock
	Item #	000005		BOM Memo : C16			
1	Default	110.0188.106	A	CAP,SM,TANT,10UF,25V,20%,SIZE D	1.00	EA	Stock
	Item #	000006		BOM Memo : C25			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.FacilityID+InBomm.fPartNo+InBomm.fcpartrev)=[DEFAULT 502.80280.51 X24]

None, All Dates

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Time :14:08:51

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Facility Default

Parent Part No 502.80280.51

Rev X24

Effectivity Date / /

Last Revision 11/19/2002

Description IP SYSTEM CONTROLLER ETH & GPS

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	110.0189.104	A	CAP,SM,CERAMIC,.1UF,16V,0603	54.00	EA	Stock
	Item #	000003		BOM Memo : C2-13,17,19-21,23,24,26,28-34,36-40,45,49,53-55,57-59,65,66,69,74,75,78,79-84,86,87,88			
1	Default	110.0194.106	A	CAP.,SM,TANT,10UF,16V,20%,SIZE B	2.00	EA	Stock
	Item #	000010		BOM Memo : C56,89			
1	Default	110.0213.334	000	CAP GOLD HORIZ DBL-LAYER .33UF 5.5V	1.00	EA	Stock
	Item #	000017		BOM Memo : C90			
1	Default	114.0065.001	A	DIODE,DUAL-IN-SERIES,HI-SPEED,SOT23	1.00	EA	Stock
	Item #	000022		BOM Memo : D7			
1	Default	114.0068.002	000	TVS SMD UNI 600W 15V J-BEND DO214AA	1.00	EA	Stock
	Item #	000021		BOM Memo : D8			
1	Default	122.0039.002	000	FUSE SMT FAST-ACTING 5.0A 32V 1206	1.00	EA	Stock
	Item #	000024		BOM Memo : F1			
1	Default	124.0558.006	A	CONN,DB9 PLUG R/A PCB MT W/BD-LCK	1.00	EA	Stock
	Item #	000025		BOM Memo : J1			
1	Default	124.0558.007	A	CONN,DB9 RCPT PCB MTG R/A W/BLKS	1.00	EA	Stock
	Item #	000026		BOM Memo : J2			
1	Default	124.0611.001	000	MODULAR JACK INVRTD SHLD W/LED R/A	1.00	EA	Stock
	Item #	000027		BOM Memo : J3			
1	Default	124.0612.010	000	CONN HDR 5X2 STR LO-PROFILE PCB MT	3.00	EA	Stock
	Item #	000028		BOM Memo : J4,5,6			
1	Default	124.0613.012	000	CONN HDR 12 CKT R/A PCB MT W/F-LOCK	1.00	EA	Stock
	Item #	000029		BOM Memo : J7			
1	Default	124.0624.008	000	CONN HDR MALE 2MM DUAL ROW 8POS SMT	1.00	EA	Stock
	Item #	000030		BOM Memo : J8			
1	Default	138.0074.102	A	RES,SM,THK FILM,1K OHM,5%,1/16W	6.00	EA	Stock
	Item #	000035		BOM Memo : R8,18,38,96,97,106			
1	Default	138.0074.103	000	RES,SM,THK FILM,10K,1/16W,5%	13.00	EA	Stock
	Item #	000031		BOM Memo : R1,4,5,24,62,75-78,86,91,111,112			
1	Default	138.0074.104	A	RES,SM,THK FILM,100K OHM,5%,1/16W	14.00	EA	Stock
	Item #	000034		BOM Memo : R7,27-30,32,52,54-56,67-69,105			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.FacilityID+InBomm.fPartNo+InBomm.fcpartrev)=[DEFAULT 502.80280.51 X24]
None, All Dates

Date: 05/12/2003
Time :14:08:52
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Facility Default

Effectivity Date / /

Parent Part No 502.80280.51

Rev X24

Last Revision 11/19/2002

Description IP SYSTEM CONTROLLER ETH & GPS

Level	Component Part No	Rev	Description	Quantity	U/M	Source
1	Default 138.0074.202	A	RES,SM,THK FILM,2K OHM,5%,1/16W	2.00	EA	Stock
	Item # 000042		BOM Memo : R23,109			
1	Default 138.0074.273	X1	RES,SM,5%,1/16W,27K OHM PANA	6.00	EA	Stock
	Item # 000038		BOM Memo : R13,14,60,61,63,64			
1	Default 138.0074.302	A	RES,SM,THK FILM,3K OHM,5%,1/16W	1.00	EA	Stock
	Item # 000033		BOM Memo : R6			
1	Default 138.0074.331	000	RES SMT THK FILM 330OHM 1/16W 0603	4.00	EA	Stock
	Item # 000051		BOM Memo : R101-104			
1	Default 138.0074.470	A	RES,SM,THK FILM,47 OHM,5%,1/16W	14.00	EA	Stock
	Item # 000043		BOM Memo : R26,48,73,82,83,85,87,89,92,94,95,98,99,100			
1	Default 138.0074.472	A	RES,SM,THK FILM,4.7K OHM,5%,1/16W	16.00	EA	Stock
	Item # 000039		BOM Memo : R15-17,19,20,25,34,36,37,46,51,81,84,90,93,106			
1	Default 138.0074.473	A	RES,SM,THK FILM,47K OHM,5%,1/16W	5.00	EA	Stock
	Item # 000044		BOM Memo : R31,45,47,49,88			
1	Default 138.0074.681	000	RES SM THK FILM 680 OHM 1/16W 0603	2.00	EA	Stock
	Item # 000050		BOM Memo : R79,80			
1	Default 138.0075.103	A	POT,SM,TRIM 10K,3MM,30% PANA	3.00	EA	Stock
	Item # 000047		BOM Memo : R57,58,59			
1	Default 138.0075.104	A	POT,SM,TRIM,100K,3MM,.05W,PANA	7.00	EA	Stock
	Item # 000037		BOM Memo : R10,12,33,53,71,72,74			
1	Default 138.0075.502	A	POT,SM,TRIM,5K,P5E PANA HP9A	3.00	EA	Stock
	Item # 000036		BOM Memo : R9,11,35			
1	Default 138.0076.019	A	RES,SM,THK,22.1K OHM,1%,1/16W 0603	1.00	EA	Stock
	Item # 000041		BOM Memo : R22			
1	Default 138.0076.070	000	RES SMT P THK FLM 10K 1% 1/16W 0603	1.00	EA	Stock
	Item # 000040		BOM Memo : R21			
1	Default 138.0076.071	000	RES SMT THK FLM 4.99K 1% 1/16W 0603	2.00	EA	Stock
	Item # 000046		BOM Memo : R50,110			
1	Default 138.0076.072	000	RES SMT THK FLM 100 1% 1/16W 0603	1.00	EA	Stock
	Item # 000049		BOM Memo : R70			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.FacilityID+InBomm.fPartNo+InBomm.fcpartrev)=[DEFAULT 502.80280.51 X24]

None, All Dates

Date: 05/12/2003

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Parent Part No 502.80280.51

Rev X24

Effectivity Date / /

Last Revision 11/19/2002

Description IP SYSTEM CONTROLLER ETH & GPS

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	138.0076.077	000	RES SM THK FLM 24.3OHM 1/4W 1% 0603	2.00	EA	Stock
	Item #	000048		BOM Memo : R55,66			
1	Default	138.0080.013	000	RES SMT THK FILM 150 1/8W 1% 1206	6.00	EA	Stock
	Item #	000045		BOM Memo : R39-44			
1	Default	138.0090.0R0	000	RES SMT THK FILM 0 OHM 1/8W 1206	1.00	EA	Stock
	Item #	000052		BOM Memo : R107			
1	Default	144.0133.004	A	SWITCH,SM,ULTRA MINI,4 POS.	2.00	EA	Stock
	Item #	000055		BOM Memo : S2,S3			
1	Default	144.0137.001	000	SWITCH TACTILE SEALED SPST GULL	1.00	EA	Stock
	Item #	000054		BOM Memo : S1			
1	Default	148.0026.001	000	TRANSFORMER MODEM	1.00	EA	Stock
	Item #	000057		BOM Memo : T1			
1	Default	156.0073.001	A	WIRE 30AWG WIRE WRAP BLUE	0.08	FT	Stock
	Item #	000083		BOM Memo : JUMPER			
1	Default	160.0019.001	A	OSCILLATOR,CLK 4.9152 MHZ,CMOS/TTL	1.00	EA	Stock
	Item #	000081		BOM Memo : Y2			
1	Default	160.0019.002	000	OSC CLK 18.432MHZ CMOS/TTL 1/2 SIZE	1.00	EA	Stock
	Item #	000082		BOM Memo : Y3			
1	Default	160.0029.001	A	CRYSTAL,SMD 20MHZ	1.00	EA	Stock
	Item #	000080		BOM Memo : Y1			
1	Default	162.0598.001	X1	IC,SM,QUAD,BILATERAL,SO-14 NAT	1.00	EA	Stock
	Item #	000067		BOM Memo : U10			
1	Default	162.0620.001	P	IC,SM,4-LVL MODEM DATA,MX-COM	3.00	EA	Stock
	Item #	000070		BOM Memo : U14,15,16			
1	Default	162.0633.002	A	IC,REG,ADJ,LO-DROPOUT,SO-8	1.00	EA	Stock
	Item #	000061		BOM Memo : U4			
1	Default	162.0636.002	000	IC 16-BIT CPU W/128K F-MEMORY	1.00	EA	Stock
	Item #	000058		BOM Memo : U1			
1	Default	162.0654.001	A	IC,PRECISION 1 AMP,REG 5V,TO-220	1.00	EA	Stock
	Item #	000076		BOM Memo : VR1			

Indented Bill of Material

All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.FacilityID+InBomm.fPartNo+InBomm.fcpartrev)=[DEFAULT 502.80280.51 X24]

None, All Dates

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Facility Default
Parent Part No 502.80280.51

Rev X24

Effectivity Date / /
Last Revision 11/19/2002

Description IP SYSTEM CONTROLLER ETH & GPS

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	162.0655.001	A	IC,4MB,SRAM(512X8)SOP32	1.00	EA	Stock
	Item # 000059			BOM Memo : U2			
1	Default	162.0658.001	A	IC,CMOS SERIAL EEPROM,2KX8 2.5V	1.00	EA	Stock
	Item # 000060			BOM Memo : U3			
1	Default	162.0659.001	A	IC,REG,+5V LO DROPOUT,TO-220	1.00	EA	Stock
	Item # 000077			BOM Memo : VR2			
1	Default	162.0660.001	A	IC,DECODER/DEMUX, 3 TO 8,SO-16	1.00	EA	Stock
	Item # 000062			BOM Memo : U5			
1	Default	162.0661.001	A	IC,PWR LOGIC 8,D-TYPE LATCH SO-20	1.00	EA	Stock
	Item # 000063			BOM Memo : U6			
1	Default	162.0662.001	A	IC,8-BIT MICROPROCESSOR,10MHZ,PLCC	1.00	EA	Stock
	Item # 000064			BOM Memo : U7			
1	Default	162.0663.001	A	IC,TRANSCEIVER,+5V,RS-232,SO-28W	1.00	EA	Stock
	Item # 000065			BOM Memo : U8			
1	Default	162.0678.001	A	IC, 8TH-ORDER LOWPASS BESSEL FILTER	1.00	EA	Stock
	Item # 000066			BOM Memo : U9			
1	Default	162.0721.033	000	IC VR 3.3V LO-DROPOUT	1.00	EA	Stock
	Item # 000078			BOM Memo : Toko TK11333CMCL			
1	Default	162.0724.001	000	IC DUAL OP-AMP SO-8	1.00	EA	Stock
	Item # 000075			BOM Memo : U21			
1	Default	162.0724.002	000	IC SM QUAD OP-AMP SO-14	2.00	EA	Stock
	Item # 000068			BOM Memo : U11,12			
1	Default	162.0725.001	000	IC SM HEX SCHMITT TRIGGER INV SO-14	1.00	EA	Stock
	Item # 000071			BOM Memo : U17			
1	Default	162.0726.001	000	IC ETHERNET LAN CNTLR ISA TQFP-100	1.00	EA	Stock
	Item # 000069			BOM Memo : U13			
1	Default	162.0727.001	000	IC QUAD 2-INPUT NAND GATE SO-14	1.00	EA	Stock
	Item # 000072			BOM Memo : U18			
1	Default	162.0728.001	000	IC CMOS ANALOG MULTIPLEXER SO-16	1.00	EA	Stock
	Item # 000073			BOM Memo : U19			

Indented Bill of Material

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Time -14:08:54
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All Make Part Numbers, Ordered by PARENT PART NUMBER

UPPER(InBomm.FacilityID+InBomm.fPartNo+InBomm.fcpartrev)=[DEFAULT 502.80280.51 X24]
None, All Dates

Facility Default
Parent Part No 502.80280.51

Rev X24

Effectivity Date / /
Last Revision 11/19/2002

Description IP SYSTEM CONTROLLER ETH & GPS

Level	Component	Part No	Rev	Description	Quantity	U/M	Source
1	Default	162.0729.001	000	IC R-TO-R SNGL SPLY COMPARTOR SO-14	1.00	EA	Stock
		Item # 000074		BOM Memo : U20			
1	Default	502.80281	X2	PWB-IP SYSTEM CONTROLLER	1.00	EA	Stock
		Item # 000001					

End Of Report

This report was requested by ML