

L1,200,2.MDATABO2 TRIMBLE NAVIGATION
 FRI, OCT 9, 1998, 11:03 AM

BILL OF MATERIAL

 AS OF 10/09/98

REQUESTOR: MARYD .AUSTIN .TRIMBLE
 PAGE NO: 1

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 231 MASTER SCHEDULED ITEMS

OP: ORDER POLICY CODE
 REQ:N-PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
 P=PART PRINTS ON SALES ORDER WITH PRICE

82544-20 OPCODE: 3 IM REV: G FINAL ASSY TC100
 MODEL:
 ECO NO: A4007B
 DATE OF LAST ECO: 10/06/98

PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	YIELD	ASSEMBLY	FACTR	UM	SC	EP	QF	R		REFERENCE	EFFECTIV	OBSOLETE	
												DEFAULT	OFF				
												DAYS					
												QUANTITY	SET	SEQ	DESIGNATOR	DATE	DATE
82554-00-C	CCA RX/TX	3	C4	10	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
82553-20-E	CCA SYN/VOX	3	E1	20	1.000	1.000	EA	B	YN	1.000	0	0			09/04/98	99/99/99	
83562-00	ASSY CONTROLLER DISPLAY COMM	3	A	30	1.000	1.000	EA	M	YN	1.000	0	0			09/04/98	99/99/99	
1900-0584-62	ASSY COAX CABLE 14.30" LONG	3	E	40	1.000	1.000	EA	B	YN	1.000	0	0			09/04/98	99/99/99	
82604	CHASSIS ASSY COMM	3	C	50	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
1900-1173-12	ASSY;PAWL BRACKET (SMART PNLS)	0	E	60	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
83526	LABEL ID TC100 11-33V	3	B	70	1.000	1.000	EA	M	YN	1.000	0	0			00/00/00	99/99/99	
83816	CONN BNC SLIDE-ON	3		80	1.000	1.000	EA	P	YN	1.000	0	0			09/29/98	99/99/99	
9-2804-033-20	MS; 4-40 X 3/16, FNP, 100 DEGR	0		90	8.000	1.000	EA	FS	YN	8.000	0	0			00/00/00	99/99/99	
9-2804-034-20	MSCS;4-40 X 3/16,FNP,100 DEGR	0		100	4.000	1.000	EA	FS	YN	4.000	0	0			00/00/00	99/99/99	
9-2804-038-25	MS; 4-40 X 3/16, PNP, S.S.	0		110	19.000	1.000	EA	FS	YN	19.000	0	0			00/00/00	99/99/99	
80064	LABEL SERVICE BULLETIN NAVIGAT	3	-	120	1.000	1.000	EA	FS	YN	1.000	0	0			00/00/00	99/99/99	
9-2841-040-10	WASHER;SPLIT-LOC,#4 STD.,S.S.	0		140	19.000	1.000	EA	FS	YN	19.000	0	0			00/00/00	99/99/99	
9-2870-209-00	WASHER;NYLON SHOULDER.115 ID	0		150	2.000	1.000	EA	FS	YN	2.000	0	0			00/00/00	99/99/99	
9-3155-108-00	INSULATOR;TO 220	0		160	2.000	1.000	EA	P	YN	2.000	0	0			00/00/00	99/99/99	
83831	REAR PLATE W/CUT OUT	3	C	170	1.000	1.000	EA	B	YN	1.000	0	0			09/04/98	99/99/99	
82616	COVER BOTTOM	3	B	180	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
82615	INSULATOR CHASSIS	3	B	190	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
82610	INSULATOR,RX/TX CHASSIS	3	D	210	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
82793	SHIELD COVER RX/TX	3	D	220	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
82611	SHIELD COVER RXER	3	C	230	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
82603	COVER TOP	3	C	250	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99	
83619	3M SUPER 77 SPRAY ADHESIVE	3		360	.000	1.000	EA	P	YN	.000	0	0			07/08/98	99/99/99	
9-9006-150-00	HEAT SINK COMPOUND;G.C.#29	0		380	.000	1.000	EA	F	YN	.000	0	0			00/00/00	99/99/99	
3851-0005	RTV, ADHESIVE, TRANSLUCENT	3		390	.000	1.000	GR	FS	YN	.000	0	0			10/06/98	99/99/99	
83819	PORON PAD .50 X .42 X .035	3	A	400	3.000	1.000	EA	B	YN	3.000	0	0			09/04/98	99/99/99	
83820	PORON PAD .50 X .75 X .125	3	A	410	4.000	1.000	EA	B	YN	4.000	0	0			09/04/98	99/99/99	
83812	STANDOFF W/SLOT	3	A	420	1.000	1.000	EA	FB	YN	1.000	0	0			09/04/98	99/99/99	
37933	CAP AL UF 1 100V AX	3		430	1.000	1.000	EA	P	YN	1.000	0	0			09/04/98	99/99/99	
9-3157-018-00	SLEEVING;TEFLON,18 GAGE,THIN W	0		450	.000	1.000	FT	F	YN	.000	0	0			09/04/98	99/99/99	
9-6050-180-00	WIRE; #18 BUS TINMED	0		460	.000	1.000	FT	F	YN	.000	0	0			09/29/98	99/99/99	
83733-TP	FINAL TEST PROC TC100	3	B	9500	.000	1.000	EA	Z	YN	.000	0	0			07/08/98	99/99/99	
82544-XX-AD	ASSY DWG TC100	0	G	9510	.000	1.000	EA	Z	YN	.000	0	0			09/29/98	99/99/99	
82544-XX-A1	TC100 COMM ASSY INSTRUCTIONS	3	C	9520	.000	1.000	EA	Z	YN	.000	0	0			07/08/98	99/99/99	

LI,200,2.MDATAB02 TRIMBLE NAVIGATION
 WED, OCT 14, 1998, 2:42 PM

BILL OF MATERIAL

 AS OF 10/14/98

REQUESTOR: MARYD .AUSTIN .TRIMBLE
 PAGE NO: 1

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82553-20-E OPCODE: 3 IN REV: E1 CCA SYN/VOX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
 REQ:N=PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
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PART NUMBER	DESCRIPTION	O P RV	ITEM NO.	QTY PER ASSEMBLY	YIELD FACTR	UM	SC	R EP	DEFAULT QF	OFF SET	DAYS SEQ	REFERENCE DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
19584	DIO TVS 36V 1.5KW SMCJ36A 20Z 3		4	1.000	1.000	EA	P	YN	1.000	0	0	CR4	09/04/98	99/99/99
33079	DIO SW MMB07000 100V CAT 3PZ 3		10	2.000	1.000	EA	P	YN	2.000	0	0	CR2,CR3	00/00/00	99/99/99
18250	RECT CT 200V 16A MUR1620CT 33Z 3		20	1.000	1.000	EA	P	YN	1.000	0	0	CR6	00/00/00	99/99/99
9-4860-001-00	DIODE; SWITCHING, SMT, 914		0	30	5.000	1.000	EA	P	YN	5.000	0	CR7	00/00/00	99/99/99
												CR602		
												CR604		
												CR605		
												CR608		
34136	RECT SCH 40V MBRA140 1A 20M 3		40	2.000	1.000	EA	P	YN	2.000	0	0	CR12,CR13	00/00/00	99/99/99
9-4860-007-00	DIODE; V-TUNE, DUAL, 25-48pF		0	50	1.000	1.000	EA	P	YN	1.000	0	CR601	00/00/00	99/99/99
37932	CAP AL UF 22 125V RD 3		67	2.000	1.000	EA	P	YN	2.000	0	0	C19,C20	09/04/98	99/99/99
14611	CAP AL UF 220 20% 63V RD 3		70	1.000	1.000	EA	P	YN	1.000	0	0	C2	09/04/98	99/99/99
9-1534-410-00	CAP; CHIP, 1206, X7R, 0.1uF		0	80	15.000	1.000	EA	P	YN	15.000	0	C10	00/00/00	99/99/99
												C14,C15		
												C608,C609		
												C619		
												C625,C628		
												C637		
												C649,C650		
												C655		
												C665		
												C3		
												C634		
35836	CAP CH UF .068 5% 1H X7 1206 3		90	1.000	1.000	EA	P	YN	1.000	0	0	C4	00/00/00	99/99/99
9-1532-010-00	CAP; CHIP, 1206, NPO, 10pF		0	100	4.000	1.000	EA	P	YN	4.000	0	C5	00/00/00	99/99/99
												C623		
												C656		
												C674		
13647	CAP CH PF 1200 5% 1H CG 1206 3		110	1.000	1.000	EA	P	YN	1.000	0	0	C6	00/00/00	99/99/99
82785	CAP CHP PF 2200 15% X7R 1206 3		120	1.000	1.000	EA	P	YN	1.000	0	0	C7	00/00/00	99/99/99
9-1532-112-00	CAP; CHIP, 1206, NPO, 120pF		0	130	27.000	1.000	EA	P	YN	27.000	0	C8,C9	00/00/00	99/99/99
												C601-C603		
												C618		
												C648,C651		
												C610,653		
												C661,C662		
												C664		
												C670,C671		
												C672,C673		
												C676-C681		
												C683		

L1,200,2.MDATAB02 TRIMBLE NAVIGATION
 WED, OCT 14, 1998, 2:42 PM

BILL OF MATERIAL

 AS OF 10/14/98

PAGE NO: 2

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM

82553-20-E OPCODE: 3 IM REV: E1 CCA SYN/VOX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

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9-1532-112-00	CAP; CHIP, 1206, NPO, 120pF	0	130	27.000	1.000	EA	P	Y/N	Y/N	27.000	0	0	0	C686 C689 C691	00/00/00	99/99/99
9-1534-422-00	CAP; CHIP, 1206, X7R, .22uF	0	131	5.000	1.000	EA	P	Y/N	Y/N	5.000	0	0	0	C687 C690,C675 C693,694	09/04/98	99/99/99
82780	CAP CHP PF 1800 15X X7R 1206	3	140	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	C11 C12	00/00/00	99/99/99
37812	CAP AL UF 820 25V	3	141	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C13	09/04/98	99/99/99
9-1532-147-00	CAP; CHIP, 1206, NPO, 470pF	0	150	7.000	1.000	EA	P	Y/N	Y/N	7.000	0	0	0	C16 C616 C629,C630 C652 C666 C682	00/00/00	99/99/99
9-1532-215-00	CAP CHIP 1206 NPO 1500PF	3	151	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	C612,613	09/04/98	99/99/99
37928	CAP .01UF 50V 140-5025-103M	3	160	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	C17,18	09/04/98	99/99/99
9-1532-068-00	CAP; CHIP, 1206, NPO, 68pF	0	170	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C604	00/00/00	99/99/99
82581	CAP TRIMMER NPO 4-25 PF SMT	3	180	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C605	00/00/00	99/99/99
9-1532-047-00	CAP; CHIP, 1206, NPO, 47pF	0	190	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C606	00/00/00	99/99/99
9-1534-347-00	CAP; CHIP, 1206, X7R, .047uF	0	200	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C607	00/00/00	99/99/99
9-1532-922-00	CAP; CHIP, 1206, NPO, 2.2pF	0	210	3.000	1.000	EA	P	Y/N	Y/N	3.000	0	0	0	C611 C622 C688	00/00/00	99/99/99
9-1532-410-00	CAP CHIP 1206 .1uF	3	220	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	C614,615	09/04/98	99/99/99
9-2520-114-00	BEAD; FERRITE	0	231	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	FB1,2	09/04/98	99/99/99
9-1532-282-00	CAP CHIP 1206 NPO 8200PF	3	240	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C617	09/04/98	99/99/99
9-1532-939-00	CAP; CHIP, 1206, NPO, 3.9pF	0	250	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C620	00/00/00	99/99/99
9-1532-015-00	CAP; CHIP, 1206, NPO, 15 pF	0	260	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	C621 C624	00/00/00	99/99/99
9-1532-018-00	CAP; CHIP, 1206, NPO, 18pF	0	270	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C626	00/00/00	99/99/99
9-1532-012-00	CAP; CHIP, 1206, NPO, 12pF	0	280	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	C660 C627	00/00/00	99/99/99
9-1534-310-00	CAP; CHIP, 1206, X7R, .01uF	0	290	5.000	1.000	EA	P	Y/N	Y/N	5.000	0	0	0	C631,C632 C643,C644 C657	00/00/00	99/99/99
9-1517-221-00	CAP;AL,ELECT,220 UF,16V	0	300	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	C635 C633	00/00/00	99/99/99
9-4712-210-20	RES; 10 OHM, CARBON FILM, 1/2W	0	306	2.000	1.000	EA	P	Y/N	Y/N	2.000	0	0	0	R19,20	09/04/98	99/99/99
9-1512-547-61	CAP;TANT,.47 MF,35V	0	320	1.000	1.000	EA	P	Y/N	Y/N	1.000	0	0	0	C636	00/00/00	99/99/99
9-1532-210-00	CAP; CHIP, 1206, NPO, 1000pF	0	330	3.000	1.000	EA	P	Y/N	Y/N	3.000	0	0	0	C638,C639	00/00/00	99/99/99

LI,200,2.MDATAB02 TRIMBLE NAVIGATION
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BILL OF MATERIAL
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 AS OF 10/14/98

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 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM

82553-20-E OPCODE: 3 IM REV: E1 CCA SYN/VOX
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 ECO NO: A40074
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															DESIGNATOR	DATE	DATE
9-1532-210-00	CAP; CHIP, 1206, NPO, 1000pF	0	330	3.000	1.000	EA	P	Y	N	3.000	0	0	0	0	C659	00/00/00	99/99/99
9-1517-047-00	CAP;AL ELECT,4.7 MFD,35V	0	340	3.000	1.000	EA	P	Y	N	3.000	0	0	0	C640,C641 C642	00/00/00	99/99/99	
9-4704-315-00	RES CHP 1206 15K OHM	3	341	2.000	1.000	EA	P	Y	N	2.000	0	0	0	R606,607	09/04/98	99/99/99	
9-1517-010-00	CAP;AL,ELEC,1.0MFD,50V	0	350	4.000	1.000	EA	P	Y	N	4.000	0	0	0	C645 C658 C684,C685	00/00/00	99/99/99	
9-1532-027-00	CAP; CHIP, 1206, NPO, 27pF	0	360	2.000	1.000	EA	P	Y	N	2.000	0	0	0	C667 C646	00/00/00	99/99/99	
9-1532-022-00	CAP; CHIP, 1206, NPO, 22pF	0	370	2.000	1.000	EA	P	Y	N	2.000	0	0	0	C647 C654	00/00/00	99/99/99	
9-1517-470-00	CAP;AL,ELECT,47 MFD,25V	0	380	2.000	1.000	EA	P	Y	N	2.000	0	0	0	C668 C692	00/00/00	99/99/99	
9-1532-118-00	CAP; CHIP, 1206, NPO, 180pF	0	390	1.000	1.000	EA	P	Y	N	1.000	0	0	0	C669	00/00/00	99/99/99	
9-2185-172-08	SOCKET STRIP;CONN 8 PIN	0	430	1.000	1.000	EA	P	Y	N	1.000	0	0	0	J6	00/00/00	99/99/99	
9-2185-196-06	TERMINAL STRIP;MALE,DUAL	0	440	1.000	1.000	EA	P	Y	N	1.000	0	0	0	J7	00/00/00	99/99/99	
9-2185-172-02	SOCKET STRIP; 2 PIN	0	450	1.000	1.000	EA	P	Y	N	1.000	0	0	0	J14	00/00/00	99/99/99	
83506-00	ASSY INDUCTOR 63uH 3A	3	B 470	1.000	1.000	EA	B	Y	N	1.000	0	0	0	L2	09/04/98	99/99/99	
83508-00	ASSY CURRENT XFMR	3	A 480	1.000	1.000	EA	B	Y	N	1.000	0	0	0	T1	07/16/98	99/99/99	
37257	COIL SHIELDED	3	490	1.000	1.000	EA	P	Y	N	1.000	0	0	0	L601A	00/00/00	99/99/99	
82569	INDUCTOR CHIP uH 3.3 10% 2520	3	510	1.000	1.000	EA	P	Y	N	1.000	0	0	0	L602	00/00/00	99/99/99	
82568	INDUCTOR CHIP uH 2.2 2520	3	520	6.000	1.000	EA	P	Y	N	6.000	0	0	0	L603,L604 L606,L607 L608,L609	00/00/00	99/99/99	
9-1850-080-00	IND;100 uH 3A	0	525	1.000	1.000	EA	P	Y	N	1.000	0	0	0	L1	09/29/98	99/99/99	
9-2185-186-02	TERMINAL STRIP;MALE,.025	0	530	2.000	1.000	EA	P	Y	N	2.000	0	0	0	P601 P602	00/00/00	99/99/99	
83811	STAND OFF SHIELD	3	550	10.000	1.000	EA	P	Y	N	10.000	0	0	0		09/04/98	99/99/99	
33962	TRAN MCH MFET IRF540S	3	Z2 3 555	2.000	1.000	EA	P	Y	N	2.000	0	0	0	Q1,Q2	09/29/98	99/99/99	
9-4861-009-00	XSTR; H10, SOT23	0	560	7.000	1.000	EA	P	Y	N	7.000	0	0	0	Q601,Q602 Q603,Q604 Q605 Q609 Q611	00/00/00	99/99/99	
9-4861-013-00	XSTR; PNP, SWITCHING, 4126,SM	0	570	2.000	1.000	EA	P	Y	N	2.000	0	0	0	Q606,Q607	00/00/00	99/99/99	
9-4861-012-00	XSTR; NPN, GEN. PURPOSE, 3904, 0	0	580	1.000	1.000	EA	P	Y	N	1.000	0	0	0	Q608	00/00/00	99/99/99	
9-4861-005-00	XSTR; SMT MMBT2222,A	0	590	1.000	1.000	EA	P	Y	N	1.000	0	0	0	Q610	00/00/00	99/99/99	
86558	RES CHP KOHM 3.321% 1/8 1206 3	0	600	1.000	1.000	EA	P	Y	N	1.000	0	0	0	R2	00/00/00	99/99/99	
19462	RES CHP KOHM 6.04 1%1/8 1206 3	0	610	1.000	1.000	EA	P	Y	N	1.000	0	0	0	R3	00/00/00	99/99/99	
9-4704-210-00	RES; CHIP, 1206, 1.0K OHM	0	620	9.000	1.000	EA	P	Y	N	9.000	0	0	0	R6,9 R10,R15	00/00/00	99/99/99	

L1,200,2.MDATAB02 TRIMBLE NAVIGATION
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BILL OF MATERIAL
 =====
 AS OF 10/14/98

PAGE NO: 4

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 82553-20-E OPCODE: 3 IM REV: E1 CCA SYN/VOX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
 REQ:N=PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
 P=PART PRINTS ON SALES ORDER WITH PRICE

PART NUMBER	DESCRIPTION	O P RV	ITEM NO.	QTY PER ASSEMBLY	YIELD FACTR UM	EA	P	Y	N	R EP	DEFAULT OFF	DAYS QF	QUANTITY SET	R SEQ	REFERENCE DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
9-4704-210-00	RES; CHIP, 1206, 1.0K OHM	0	620	9.000	1.000	EA	P	YN					9.000	0	0 R618 R622 R625 R647 R670	00/00/00	99/99/99
9-4704-410-00	RES; CHIP, 1206, 100K OHM	0	630	8.000	1.000	EA	P	YN					8.000	0	0 R5 R611 R619 R654 R602-605	00/00/00	99/99/99
13939	RES CHP OHM 5.6 5% 1/8 1206 3		650	2.000	1.000	EA	P	YN					2.000	0	0 R7 R4	00/00/00	99/99/99
9-4704-110-00	RES; CHIP, 1206, 100 OHM	0	660	7.000	1.000	EA	P	YN					7.000	0	0 R8 R11,R12 R17 R616 R666 R671	00/00/00	99/99/99
86141	RES CHP KOHM 18.2 1% 1/8 1206 3		670	1.000	1.000	EA	P	YN					1.000	0	0 R13	00/00/00	99/99/99
80429	RES CHP KOHM 10.7 1% 1/8 1206 3		680	1.000	1.000	EA	P	YN					1.000	0	0 R14	00/00/00	99/99/99
13959	RES CHP OHM 0.0 JUMPER 1206 3		700	1.000	1.000	EA	P	YN					1.000	0	0 R16	00/00/00	99/99/99
9-4704-347-00	RES; CHIP, 1206, 47K OHM	0	710	4.000	1.000	EA	P	YN					4.000	0	0 R601 R621 R623 R643	00/00/00	99/99/99
9-4704-222-00	RES; CHIP, 1206, 2.2K OHM	0	730	5.000	1.000	EA	P	YN					5.000	0	0 R608,R609 R626 R634,R636	00/00/00	99/99/99
9-4704-227-00	RES; CHIP, 1206, 2.7K OHM	0	740	3.000	1.000	EA	P	YN					3.000	0	0 R610 R620 R648	00/00/00	99/99/99
9-4704-247-00	RES; CHIP, 1206, 4.7K OHM	0	750	3.000	1.000	EA	P	YN					3.000	0	0 R615 R629 R628	00/00/00	99/99/99
9-4704-310-00	RES; CHIP, 1206, 10.0K OHM	0	760	11.000	1.000	EA	P	YN					11.000	0	0 R613,R614 R627 R631,R632 R635 R637,R638 R639 R645	00/00/00	99/99/99

L1,200,2.MDATAB02 TRIMBLE NAVIGATION
 WED, OCT 14, 1998, 2:42 PM

BILL OF MATERIAL
 =====
 AS OF 10/14/98

PAGE NO: 5

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82553-20-E OPCODE: 3 IM REV: E1 CCA SYN/VOX
 MODEL:
 ECD NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
 REQ:N=PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
 P=PART PRINTS ON SALES ORDER WITH PRICE

PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	UM	SC	R EP	DEFAULT QF	OFF SET	REFERENCE SEQ	DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE	DAYS	
																QUANTITY	SET
9-4704-310-00	RES; CHIP, 1206, 10.0K OHM	0		760	11.000	1.000	EA	P	YN	11.000	0	0	R612	00/00/00	99/99/99		
9-4704-127-00	RES; CHIP, 1206, 270 OHM	0		770	1.000	1.000	EA	P	YN	1.000	0	0	R617	00/00/00	99/99/99		
9-4704-322-00	RES; CHIP, 1206, 22K OHM	0		780	2.000	1.000	EA	P	YN	2.000	0	0	R640	00/00/00	99/99/99		
													R624				
82563	RES VAR KOHM 10 20% SMD	3		800	1.000	1.000	EA	P	YN	1.000	0	0	R630	00/00/00	99/99/99		
9-4704-182-00	RES; CHIP, 1206, 820 OHM	0		810	1.000	1.000	EA	P	YN	1.000	0	0	R633	00/00/00	99/99/99		
9-4704-510-00	RES; CHIP, 1206, 1.0M OHM	0		820	2.000	1.000	EA	P	YN	2.000	0	0	R641	00/00/00	99/99/99		
													R644				
82564	RES VAR KOHM 100 20% SMD	3		830	1.000	1.000	EA	P	YN	1.000	0	0	R642	00/00/00	99/99/99		
13167	RES CHP KOHM 5.11 1X1/8 1206	3		840	2.000	1.000	EA	P	YN	2.000	0	0	R646	00/00/00	99/99/99		
													R649				
9-4704-010-00	RES; CHIP, 1206, 10 OHM	0		850	1.000	1.000	EA	P	YN	1.000	0	0	R650	00/00/00	99/99/99		
9-4704-522-00	RES; CHIP, 1206, 2.2M OHM	0		860	1.000	1.000	EA	P	YN	1.000	0	0	R651	00/00/00	99/99/99		
83170	SHIELD SYNTHESIZER	3	B	880	2.000	1.000	EA	B	YN	2.000	0	0		00/00/00	99/99/99		
83171	SHIELD SYNTHESIZER	3	A	890	3.000	1.000	EA	B	YN	3.000	0	0		00/00/00	99/99/99		
83172	SHIELD COVER	3	C	891	1.000	1.000	EA	B	YN	1.000	0	0		09/04/98	99/99/99		
9-2185-187-00	SHORTING JUMPER;FEMALE	0		900	2.000	1.000	EA	P	YN	2.000	0	0	SJ602	00/00/00	99/99/99		
													SJ601				
83405-00	ASSY POWER SUPPLY XFMR	3	B	910	1.000	1.000	EA	B	YN	1.000	0	0	T2	09/04/98	99/99/99		
1900-3360-11	IND;TOROID	0	E	930	2.000	1.000	EA	B	YN	2.000	0	0	T601, T603	00/00/00	99/99/99		
9-5611-108-00	XFMR;AUDIO,MOUSER 42MC001	0		940	1.000	1.000	EA	P	YN	1.000	0	0	T602	00/00/00	99/99/99		
33961	IC VR UC2825A PWM REG	DBI	3	950	1.000	1.000	EA	P	YN	1.000	0	0	U1	00/00/00	99/99/99		
14478	IC VR 78M12 +12V .5A	33Z	3	960	1.000	1.000	EA	P	YN	1.000	0	0	U2	09/29/98	99/99/99		
82582	IC PLL FREQ SYN SMT	3		970	1.000	1.000	EA	P	YN	1.000	0	0	U601	00/00/00	99/99/99		
83064	IC OP AMP DUAL MC33202 S08	3		980	1.000	1.000	EA	P	YN	1.000	0	0	U602	09/04/98	99/99/99		
82583	IC DUAL MOD PRESCALER 225MHZ	3		1000	1.000	1.000	EA	P	YN	1.000	0	0	U603	00/00/00	99/99/99		
9-3100-007-00	IC; AUDIO AMP LM386M1	0		1010	1.000	1.000	EA	P	YN	1.000	0	0	U604	00/00/00	99/99/99		
9-3100-019-00	IC; LM358, DUAL OP AMP	0		1020	1.000	1.000	EA	P	YN	1.000	0	0	U605	00/00/00	99/99/99		
83062	IC REG 10V 500MA LOW DROPOUT	3		1030	2.000	1.000	EA	P	YN	2.000	0	0	U606, 607	00/00/00	99/99/99		
9-6061-200-00	WIRE; 20 AWG HOOK-UP BLACK	0	C	1040	1.000	1.000	FT	F	YN	1.000	0	0		07/16/98	99/99/99		
9-2321-005-00	XTAL; RESONATOR, 6.4 MHZ	0		1050	1.000	1.000	EA	P	YN	1.000	0	0	Y601	00/00/00	99/99/99		
9-6061-300-99	WIRE; 30 AWG HOOK-UP WHITE	0	C	1055	.000	1.000	FT	F	YN	.000	0	0		09/29/98	99/99/99		
9-3155-110-00	INSULATOR;XTAL CAN	0		1060	1.000	1.000	EA	P	YN	1.000	0	0		00/00/00	99/99/99		
82553-E	BD BLANK SYN/VOX BD	3	E	1070	1.000	1.000	EA	B	YN	1.000	0	0		07/14/98	99/99/99		
9-2802-038-20	MS; 2-56 X 3/16, FHP, 100 DEGR	0	B	1080	10.000	1.000	EA	FS	YN	10.000	0	0		09/04/98	99/99/99		
3486-0001	LUG,SOLDER,NO.4	3		1085	1.000	1.000	EA	FS	YN	1.000	0	0		09/29/98	99/99/99		
9-6061-200-99	WIRE; 20 AWG HOOK-UP WHITE	0	C	1090	.000	1.000	FT	F	YN	.000	0	0		09/29/98	99/99/99		
9-3157-018-00	SLEEVING;TEFLON,18 GAGE,THIN W	0		1095	.000	1.000	FT	F	YN	.000	0	0		09/29/98	99/99/99		
82553-XX-SD-E	SCHE DWG SYN/VOX	0	E1	9500	.000	1.000	EA	Z	YN	.000	0	0		00/00/00	99/99/99		
82553-XX-AD-E	ASSY DWG CCA SYN/VOX	0	E1	9510	.000	1.000	EA	Z	YN	.000	0	0		00/00/00	99/99/99		

L1,200,2.MDATAB02 TRIMBLE NAVIGATION
 MON, OCT 19, 1998, 9:33 AM

BILL OF MATERIAL
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 AS OF 10/19/98

REQUESTOR: MARYD .AUSTIN .TRIMBLE
 PAGE NO: 1

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM

82554-00-C OPCODE: 3 IM REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
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PART NUMBER	DESCRIPTION	O	ITEM	QTY PER	YIELD	R	EP	DEFAULT	OFF	REFERENCE	EFFECTIV	OBSOLETE		
													P	RV
9-3100-018-00	IC; MIXER, 2-500MHz, DC-500KHz	0	10	1.000	1.000	EA	P	YN	1.000	0	0	U400	00/00/00	99/99/99
9-3130-879-00	IC; TDA1072 A.M. RECEIVER	0	20	1.000	1.000	EA	P	YN	1.000	0	0	U401	00/00/00	99/99/99
9-3100-019-00	IC; LM358, DUAL OP AMP	0	30	2.000	1.000	EA	P	YN	2.000	0	0	U402	00/00/00	99/99/99
												U404		
9-3100-016-00	IC; OP-AMP, QUAD, LM324A	0	40	1.000	1.000	EA	P	YN	1.000	0	0	U403	00/00/00	99/99/99
9-3130-780-90	IC; LM7809 POSITIVE VOLT REGUL	0	50	2.000	1.000	EA	P	YN	2.000	0	0	U405	00/00/00	99/99/99
												U406		
9-4704-247-00	RES; CHIP, 1206, 4.7K OHM	0	60	9.000	1.000	EA	P	YN	9.000	0	0	R400	00/00/00	99/99/99
												R401		
												R420		
												R454		
												R455		
												R467		
												R468		
												R492		
												R493		
9-4704-047-00	RES; CHIP, 1206, 47 OHM	0	80	3.000	1.000	EA	P	YN	3.000	0	0	R402	00/00/00	99/99/99
												R408		
												R508		
9-4704-122-00	RES; CHIP, 1206, 220 OHM	0	90	4.000	1.000	EA	P	YN	4.000	0	0	R403	00/00/00	99/99/99
												R415		
												R506		
												R507		
9-4704-347-00	RES; CHIP, 1206, 47K OHM	0	100	6.000	1.000	EA	P	YN	6.000	0	0	R404	00/00/00	99/99/99
												R405		
												R430		
												R439		
												R440		
												R496		
9-4704-368-00	RES; CHIP, 1206, 68K OHM	0	105	1.000	1.000	EA	P	YN	1.000	0	0	R418	09/04/98	99/99/99
9-4704-327-00	RES; CHIP, 1206, 27K OHM	0	110	2.000	1.000	EA	P	YN	2.000	0	0	R406	00/00/00	99/99/99
												R474		
9-4704-312-00	RES; CHIP, 1206, 12K OHM	0	120	1.000	1.000	EA	P	YN	1.000	0	0	R407	00/00/00	99/99/99
9-4704-310-00	RES; CHIP, 1206, 10.0K OHM	0	130	13.000	1.000	EA	P	YN	13.000	0	0	R417	00/00/00	99/99/99
												R424		
												R427		
												R428		
												R435		
												R436		
												R451		

LI,200,2.MDATAB02 TRIMBLE NAVIGATION
 MON, OCT 19, 1998, 9:33 AM

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 AS OF 10/19/98

PAGE NO: 2

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82554-00-C OPCODE: 3 IM REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
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PART NUMBER	DESCRIPTION	O P	RV	ITEM NO.	QTY PER ASSEMBLY	YIELD FACTR	UM	SC	R EP	DEFAULT QUANTITY	OFF SET	DAYS SEQ	REFERENCE DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
9-4704-310-00	RES; CHIP, 1206, 10.0K OHM	0		130	13.000	1.000	EA	P	YN	13.000	0	0	R471 R472 R475 R481 R10	00/00/00	99/99/99
9-4704-218-00	RES; CHIP, 1206, 1.8K OHM	0		140	2.000	1.000	EA	P	YN	2.000	0	0	R410 R449	00/00/00	99/99/99
9-4704-156-00	RES; CHIP, 1206, 560 OHM	0		150	1.000	1.000	EA	P	YN	1.000	0	0	R411	00/00/00	99/99/99
9-4704-410-00	RES; CHIP, 1206, 100K OHM	0		160	6.000	1.000	EA	P	YN	6.000	0	0	R412 R466 R480 R487 R488 R489	00/00/00	99/99/99
9-4704-112-00	RES; CHIP, 1206, 120 OHM	0		161	1.000	1.000	EA	P	YN	1.000	0	0	R414	00/00/00	99/99/99
9-4704-147-00	RES; CHIP, 1206, 470 OHM	0		170	4.000	1.000	EA	P	YN	4.000	0	0	R452 R457 R464 R465	00/00/00	99/99/99
9-4704-212-00	RES; CHIP, 1206, 1.2K OHM	0		180	1.000	1.000	EA	P	YN	1.000	0	0	R416	00/00/00	99/99/99
9-4704-522-00	RES; CHIP, 1206, 2.2M OHM	0		200	2.000	1.000	EA	P	YN	2.000	0	0	R421 R442	00/00/00	99/99/99
9-4704-227-00	RES; CHIP, 1206, 2.7K OHM	0		210	5.000	1.000	EA	P	YN	5.000	0	0	R409 R422 R450 R491 R463	00/00/00	99/99/99
82563	RES VAR KOHM 10 20% SMD	3		220	4.000	1.000	EA	P	YN	4.000	0	0	R423 R437 R469 R476	00/00/00	99/99/99
9-4704-210-00	RES; CHIP, 1206, 1.0K OHM	0		230	13.000	1.000	EA	P	YN	13.000	0	0	R426 R434 R443 R446 R447 R448 R458 R459 R462 R478	00/00/00	99/99/99

LI,200,2.MDATAB02 TRIMBLE NAVIGATION
 MON, OCT 19, 1998, 9:33 AM

BILL OF MATERIAL
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 AS OF 10/19/98

PAGE NO: 3

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82554-00-C OPCODE: 3 IN REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
 REQ:N=PART OPTIONAL
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PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	UM	SC	EP	R	DEFAULT	OFF	R	DAYS	REFERENCE SEQ	DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE	
																			QUANTITY
9-4704-210-00	RES; CHIP, 1206, 1.0K OHM	0	230	13.000	1.000	EA	P	YN	13.000	0	0	R479	00/00/00	99/99/99					
													R490						
													R498						
9-4704-447-00	RES; CHIP, 1206, 470 K OHM	0	240	1.000	1.000	EA	P	YN	1.000	0	0	R429	00/00/00	99/99/99					
9-4704-422-00	RES CHIP 1206 220K OHM	3	245	1.000	1.000	EA	P	YN	1.000	0	0	R419	09/04/98	99/99/99					
9-4704-427-00	RES; CHIP, 1206, 270K OHM	0	250	1.000	1.000	EA	P	YN	1.000	0	0	R431	00/00/00	99/99/99					
9-4704-415-00	RES; CHIP, 1206, 150K OHM	0	260	3.000	1.000	EA	P	YN	3.000	0	0	R432	00/00/00	99/99/99					
													R470						
													R425						
9-4704-510-00	RES; CHIP, 1206, 1.0M OHM	0	270	1.000	1.000	EA	P	YN	1.000	0	0	R433	00/00/00	99/99/99					
82564	RES VAR KOHM 100 20% SMD	3	280	1.000	1.000	EA	P	YN	1.000	0	0	R438	00/00/00	99/99/99					
9-4704-322-00	RES; CHIP, 1206, 22K OHM	0	290	1.000	1.000	EA	P	YN	1.000	0	0	R441	00/00/00	99/99/99					
9-4704-215-00	RES; CHIP, 1206, 1.5K OHM	0	300	1.000	1.000	EA	P	YN	1.000	0	0	R444	00/00/00	99/99/99					
9-4704-222-00	RES; CHIP, 1206, 2.2K OHM	0	310	1.000	1.000	EA	P	YN	1.000	0	0	R445	00/00/00	99/99/99					
9-4704-947-00	RES; CHIP, 1206, 4.7 OHM	0	320	1.000	1.000	EA	P	YN	1.000	0	0	R453	00/00/00	99/99/99					
9-4709-127-00	RES; CHIP, 1210, 270 OHM	0	330	1.000	1.000	EA	P	YN	1.000	0	0	R456	00/00/00	99/99/99					
9-4704-010-00	RES; CHIP, 1206, 10 OHM	0	340	2.000	1.000	EA	P	YN	2.000	0	0	R460	00/00/00	99/99/99					
													R503						
9-4704-282-00	RES; CHIP, 1206, 8.2K OHM	0	350	1.000	1.000	EA	P	YN	1.000	0	0	R473	00/00/00	99/99/99					
82561	RES VAR KOHM 1 20% SMD	3	360	2.000	1.000	EA	P	YN	2.000	0	0	R477	00/00/00	99/99/99					
													R484						
82620	RES CHP OHM 180 5% 1/8W 1206	3	370	1.000	1.000	EA	P	YN	1.000	0	0	R482	00/00/00	99/99/99					
9-4704-110-00	RES; CHIP, 1206, 100 OHM	0	380	2.000	1.000	EA	P	YN	2.000	0	0	R485	00/00/00	99/99/99					
													R413						
9-4710-147-00	RES; CHIP, 2010, 470 OHM	0	390	1.000	1.000	EA	P	YN	1.000	0	0	R486	00/00/00	99/99/99					
9-4704-139-00	RES; CHIP, 1206, 390 OHM	0	400	1.000	1.000	EA	P	YN	1.000	0	0	R495	00/00/00	99/99/99					
9-4709-047-00	RES; CHIP, 1210, 47 OHM	0	410	1.000	1.000	EA	P	YN	1.000	0	0	R497	00/00/00	99/99/99					
9-1532-950-00	CAP; CHIP, 1206, NPO, 5pF	0	430	2.000	1.000	EA	P	YN	2.000	0	0	C401	00/00/00	99/99/99					
													C409						
9-1532-927-00	CAP CHIP 1206 NPO 2.7PF	3	433	1.000	1.000	EA	P	YN	1.000	0	0	C415	09/04/98	99/99/99					
9-1532-933-00	CAP CHIP 1206 NPO 3.3PF	3	434	2.000	1.000	EA	P	YN	2.000	0	0	C547,548	09/04/98	99/99/99					
9-1534-222-00	CAP CHIP 1206 NPO 2200PF	3	438	1.000	1.000	EA	P	YN	1.000	0	0	C425	09/04/98	99/99/99					
9-1534-310-00	CAP; CHIP, 1206, X7R, .01uF	0	440	17.000	1.000	EA	P	YN	17.000	0	0	C402	00/00/00	99/99/99					
													C404						
													C406						
													C410						
													C411						
													C412						
													C413						
													C414						
													C416						

L1,200,2.MDATAB02 TRIMBLE NAVIGATION
 MON, OCT 19, 1998, 9:33 AM

BILL OF MATERIAL

 AS OF 10/19/98

PAGE NO: 4

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82554-00-C OPCODE: 3 IM REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
 REQ:N=PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
 P=PART PRINTS ON SALES ORDER WITH PRICE

PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	EA	P	R UM	SC	QF	DAYS		REFERENCE DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
												EP	OFF			
9-1534-310-00	CAP; CHIP, 1206, X7R, .01uF	0	440	17.000	1.000	EA	P	YN	17.000	0	0	C417	00/00/00	99/99/99		
												C420				
												C490				
												C434				
												C436				
												C443				
												C498				
												C545				
9-1534-322-00	CAP; CHIP, 1206, X7R, .022uF	0	445	1.000	1.000	EA	P	YN	1.000	0	0	C433	09/04/98	99/99/99		
9-1534-368-00	CAP CHIP .068uF	3	447	1.000	1.000	EA	P	YN	1.000	0	0	C487	09/04/98	99/99/99		
9-1532-122-00	CAP; CHIP, 1206, NPO, 220pF	0	450	18.000	1.000	EA	P	YN	18.000	0	0	C403	00/00/00	99/99/99		
												C424				
												C464				
												C485				
												C489				
												C496				
												C520				
												C527				
												C528				
												C530				
												C531				
												C532				
												C535				
												C537				
												C538				
												C540				
												C543				
												C544				
9-1532-012-00	CAP; CHIP, 1206, NPO, 12pF	0	460	2.000	1.000	EA	P	YN	2.000	0	0	C405	00/00/00	99/99/99		
												C599				
9-1534-410-00	CAP; CHIP, 1206, X7R, 0.1uF	0	470	15.000	1.000	EA	P	YN	15.000	0	0	C407	00/00/00	99/99/99		
												C422				
												C440				
												C444				
												C449				
												C466				
												C467				
												C494				
												C499				
												C500				
												C523				

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 MON, OCT 19, 1998, 9:33 AM

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 AS OF 10/19/98

PAGE NO: 5

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82554-00-C OPCODE: 3 IM REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
 REQ:N-PART OPTIONAL
 Y=PART REQUIRED
 PF: N-PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
 P=PART PRINTS ON SALES ORDER WITH PRICE

PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	EA	P	R EP	DEFAULT QUANTITY	OFF SET	R SEQ	DAYS	REFERENCE DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
9-1534-410-00	CAP; CHIP, 1206, X7R, 0.1uF	0	470	15.000	1.000	EA	P	YN	15.000	0	0	C524	00/00/00	99/99/99		
												C525				
												C552				
												C553				
9-1532-010-00	CAP; CHIP, 1206, NPO, 10pF	0	480	5.000	1.000	EA	P	YN	5.000	0	0	C408	00/00/00	99/99/99		
												C546				
												C450				
												C475				
												C550				
9-1532-022-00	CAP; CHIP, 1206, NPO, 22pF	0	490	1.000	1.000	EA	P	YN	1.000	0	0	C418	00/00/00	99/99/99		
9-1532-051-00	CAP; CHIP, 1206, NPO, 51pF	0	500	3.000	1.000	EA	P	YN	3.000	0	0	C419	00/00/00	99/99/99		
												C472				
												C473				
9-1515-722-10	CAP;ELECT 22UF 16V RADIAL	0	510	2.000	1.000	EA	P	YN	2.000	0	0	C421	00/00/00	99/99/99		
												C539				
9-1517-022-00	CAP;ALUM ELEC,2.2/50	0	520	1.000	1.000	EA	P	YN	1.000	0	0	C423	00/00/00	99/99/99		
9-1534-422-00	CAP; CHIP, 1206, X7R, .22uF	0	530	3.000	1.000	EA	P	YN	3.000	0	0	C435	00/00/00	99/99/99		
												C495				
												C504				
9-1534-347-00	CAP; CHIP, 1206, X7R, .047uF	0	540	3.000	1.000	EA	P	YN	3.000	0	0	C428	06/16/98	99/99/99		
												C426				
												C427				
9-1517-100-00	CAP;AL,ELECT,10 MFD,16V	0	550	4.000	1.000	EA	P	YN	4.000	0	0	C429	06/15/98	99/99/99		
												C441				
												C493				
												C542				
9-1532-147-00	CAP; CHIP, 1206, NPO, 470pF	0	570	10.000	1.000	EA	P	YN	10.000	0	0	C437	06/15/98	99/99/99		
												C438				
												C451				
												C452				
												C453				
												C456				
												C460				
												C461				
												C468				
												C471				
9-1532-168-00	CAP; CHIP, 1206, NPO, 680pF	0	575	1.000	1.000	EA	P	YN	1.000	0	0	C486	09/04/98	99/99/99		
9-1517-010-00	CAP;AL,ELEC,1.0MFD,50V	0	580	1.000	1.000	EA	P	YN	1.000	0	0	C439	06/15/98	99/99/99		
9-1517-221-00	CAP;AL,ELECT,220 UF,16V	0	590	2.000	1.000	EA	P	YN	2.000	0	0	C442	06/15/98	99/99/99		
												C501				
9-1532-112-00	CAP; CHIP, 1206, NPO, 120pF	0	600	9.000	1.000	EA	P	YN	9.000	0	0	C445	06/15/98	99/99/99		

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PAGE NO: 6

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 B2554-00-C OPCODE: 3 IN REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
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PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	UM	SC	QF	R		DAYS		REFERENCE SEQ DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
										EP	DEFAULT	OFF	SET			
9-1532-112-00	CAP; CHIP, 1206, NPO, 120pF	0	600	9.000	1.000	EA	P	YN	9.000	0	0	0	C455	06/15/98	99/99/99	
													C459			
													C469			
													C478			
													C480			
													C481			
													C482			
													C483			
9-1517-470-00	CAP;AL, ELECT, 47 MFD, 25V	0	610	1.000	1.000	EA	P	YN	1.000	0	0	0	C446	06/15/98	99/99/99	
9-1515-836-00	CAP,AL ELECT, 470 UF, 6V RADIAL	0	620	3.000	1.000	EA	P	YN	3.000	0	0	0	C447	06/15/98	99/99/99	
													C448			
													C477			
9-1532-027-00	CAP; CHIP, 1206, NPO, 27pF	0	630	3.000	1.000	EA	P	YN	3.000	0	0	0	C454	06/15/98	99/99/99	
													C474			
													C541			
9-1532-210-00	CAP; CHIP, 1206, NPO, 1000pF	0	640	18.000	1.000	EA	P	YN	18.000	0	0	0	C457	06/15/98	99/99/99	
													C462			
													C502			
													C503			
													C505			
													C506			
													C507			
													C508			
													C509			
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													C514			
													C515			
													C516			
													C517			
													C519			
9-1532-075-00	CAP; CHIP, 1206, NPO, 75pF	0	650	1.000	1.000	EA	P	YN	1.000	0	0	0	C458	06/15/98	99/99/99	
9-1532-118-00	CAP; CHIP, 1206, NPO, 180pF	0	660	1.000	1.000	EA	P	YN	1.000	0	0	0	C463	06/15/98	99/99/99	
9-1532-115-00	CAP; CHIP, 1206, NPO, 150pF	0	670	1.000	1.000	EA	P	YN	1.000	0	0	0	C465	06/15/98	99/99/99	
9-1512-547-61	CAP; TANT, .47 MF, 35V	0	680	1.000	1.000	EA	P	YN	1.000	0	0	0	C470	06/15/98	99/99/99	
9-1532-039-00	CAP; CHIP, 1206, NPO, 39pF	0	690	1.000	1.000	EA	P	YN	1.000	0	0	0	C476	06/15/98	99/99/99	
9-1517-047-00	CAP;AL ELECT, 4.7 MFD, 35V	0	700	6.000	1.000	EA	P	YN	6.000	0	0	0	C479	06/15/98	99/99/99	
													C484			
													C488			

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PAGE NO: 7

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82554-00-C OPCODE: 3 IM REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
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PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	EA UM	P SC	Y QF	R		DAYS		REFERENCE SEQ DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
										EP	DEFAULT	OFF	SET			
9-1517-047-00	CAP;AL ELECT,4.7 MFD,35V	0	700	6.000	1.000	EA	P	YN	6.000	0	0	0	C491 C492 C529	06/15/98	99/99/99	
37347	CAP AL UF 470 20% 1J AX 3		710	1.000	1.000	EA	P	YN	1.000	0	0	0	C497	07/08/98	99/99/99	
9-1532-110-00	CAP; CHIP, 1206, NPO, 100 pF	0	720	2.000	1.000	EA	P	YN	2.000	0	0	0	C536 C432	06/15/98	99/99/99	
82699	CAP CHIP PF 4.7 COG 1206	3	722	1.000	1.000	EA	P	YN	1.000	0	0	0	C400	06/15/98	99/99/99	
9-4861-010-00	XSTR; MESFET, DUAL GATE	0	730	2.000	1.000	EA	P	YN	2.000	0	0	0	0400 0402	06/15/98	99/99/99	
9-4861-009-00	XSTR; M10, SOT23	0	740	2.000	1.000	EA	P	YN	2.000	0	0	0	0401 0408	06/15/98	99/99/99	
9-4861-011-00	XSTR; JFET, N-CHANNEL DEPLETIO	0	750	2.000	1.000	EA	P	YN	2.000	0	0	0	0403 0418	06/15/98	99/99/99	
9-4861-012-00	XSTR; NPN, GEN. PURPOSE, 3904,	0	760	2.000	1.000	EA	P	YN	2.000	0	0	0	0404 0415	06/15/98	99/99/99	
9-4861-013-00	XSTR; PNP, SWITCHING, 4126,SM	0	770	2.000	1.000	EA	P	YN	2.000	0	0	0	0405 0416	06/15/98	99/99/99	
37242	CAP VAR PF 7-50	3	775	1.000	1.000	EA	P	YN	1.000	0	0	0	C551	07/08/98	99/99/99	
9-4861-014-00	XSTR; PNP, SWICING, 4403, SMT	0	780	1.000	1.000	EA	P	YN	1.000	0	0	0	0406	06/15/98	99/99/99	
9-3130-877-00	IC; AUDIO PWR AMP 8W	0	790	1.000	1.000	EA	P	YN	1.000	0	0	0	0407	06/15/98	99/99/99	
9-4835-276-00	XSTR; 2N3415,NPN	0	800	1.000	1.000	EA	P	YN	1.000	0	0	0	0409	06/15/98	99/99/99	
9-4861-015-00	XSTR; NPN, RF, 1W, 175MHz	0	810	1.000	1.000	EA	P	YN	1.000	0	0	0	0410	06/15/98	99/99/99	
9-4861-017-00	XSTR; FET, N-CHAN, RF, 3W , 51	0	820	1.000	1.000	EA	P	YN	1.000	0	0	0	0411	06/15/98	99/99/99	
9-4835-355-00	XSTR; RF POWER, NPN	0	830	1.000	1.000	EA	P	YN	1.000	0	0	0	0412	06/15/98	99/99/99	
9-4835-280-00	XSTR;TIP 41	0	840	1.000	1.000	EA	P	YN	1.000	0	0	0	0413	06/15/98	99/99/99	
9-4835-270-00	XSTR;2M4401	0	850	1.000	1.000	EA	P	YN	1.000	0	0	0	0414	06/15/98	99/99/99	
9-4860-007-00	DIODE; V-TUNE, DUAL, 25-48pF	0	860	4.000	1.000	EA	P	YN	4.000	0	0	0	CR400 CR401 CR402 CR403	06/15/98	99/99/99	
9-4860-001-00	DIODE; SWITCHING, SMT, 914	0	870	10.000	1.000	EA	P	YN	10.000	0	0	0	CR404 CR407 CR409 CR410 CR411 CR412 CR413 CR417 CR421 CR424	06/15/98	99/99/99	
33079	DIO SW MMBD7000 100V CAT 3PZ 3		875	6.000	1.000	EA	P	YN	6.000	0	0	0	CR408,	07/08/98	99/99/99	

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PAGE NO: 8

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM

82554-00-C OPCODE: 3 IN REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
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33079	DIO SW MMBD7000 100V	CAT	3P2 3	875	6.000	1.000	EA P	YN	6.000	0	0	CR419 CR420, CR425 CR422 CR418	07/08/98	99/99/99
9-4860-008-00	DIODE; PIN, HIGH VOLTAGE	0	880	2.000	1.000	EA P	YN	2.000	0	0	CR415 CR416	06/15/98	99/99/99	
82567	IND CHP UH 1 2520	3	890	2.000	1.000	EA P	YN	2.000	0	0	L400 L409	06/15/98	99/99/99	
82565	IND CHP 0.1 2520	3	900	3.000	1.000	EA P	YN	3.000	0	0	L401 L402 L410	06/15/98	99/99/99	
9020-0010-11	COIL; AIR, .110" I.D., 12 TURN	0 C	920	2.000	1.000	EA B	YN	2.000	0	0	L405 L406	06/15/98	99/99/99	
9020-0010-01	COIL; AIR, .110" I.D., 4 TURN	0 C	930	2.000	1.000	EA B	YN	2.000	0	0	L407 L408	06/15/98	99/99/99	
83507-00	ASSY INDUCTOR 1.5uH 3A	3 C	940	1.000	1.000	EA B	YN	1.000	0	0	L411	07/08/98	99/99/99	
82568	INDUCTOR CHIP UH 2.2 2520	3	950	2.000	1.000	EA P	YN	2.000	0	0	L413 L415	06/15/98	99/99/99	
37243-00	INDUCTOR ADJUSTABLE	3 A	960	1.000	1.000	EA M	YN	1.000	0	0	T400	07/08/98	99/99/99	
37961-00	TRANSFORMER RF	3 A	961	1.000	1.000	EA B	YN	1.000	0	0	T403	09/04/98	99/99/99	
1900-3501-01	IND;ADJ	0 G	970	2.000	1.000	EA B	YN	2.000	0	0	T401 T402	06/15/98	99/99/99	
9-5640-340-00	XFMR; I.F., 21.4MHz, 5mm	0	980	2.000	1.000	EA P	YN	2.000	0	0	T404 T405	06/15/98	99/99/99	
1900-3360-11	IND;TOROID	0 E	990	1.000	1.000	EA B	YN	1.000	0	0	T406	06/15/98	99/99/99	
1900-0380-02	IND;TOROID	0 D	1000	1.000	1.000	EA B	YN	1.000	0	0	T407	06/15/98	99/99/99	
1900-0582-02	ASSY; XFMR, BIFILAR, 1 TURN	0 C	1010	1.000	1.000	EA B	YN	1.000	0	0	T408	06/15/98	99/99/99	
1900-0614-02	ASSY; 2T AIR-BIFILAR TOROID, 2	0 C	1020	1.000	1.000	EA B	YN	1.000	0	0	T409	06/15/98	99/99/99	
9-2321-071-00	XTAL; 21.855 MHz	0	1030	1.000	1.000	EA P	YN	1.000	0	0	Y400	06/15/98	99/99/99	
9-2185-172-02	SOCKET STRIP; 2 PIN	0	1040	5.000	1.000	EA P	YN	5.000	0	0	J11 J400 J401 J402 J403	06/15/98	99/99/99	
9-2185-172-12	CONN; SOCKET STRIP, 12 PIN	0	1050	1.000	1.000	EA P	YN	1.000	0	0	J13	06/15/98	99/99/99	
9-2185-197-06	SOCKET STRIP;FEMALE,DUAL	0	1060	1.000	1.000	EA P	YN	1.000	0	0	P7	06/15/98	99/99/99	
83821-00	ASSY CONN FILTER	3 A	1070	1.000	1.000	EA B	YN	1.000	0	0	P9	09/04/98	99/99/99	
83070	FILTER 21.4MHZ MATCHED SET OF 3	3	1080	1.000	1.000	ST P	YN	1.000	0	0	FL400	06/15/98	99/99/99	
9-2310-112-00	FILTER;CER,CFU-455-F2,455 KHZ	0	1090	1.000	1.000	EA P	YN	1.000	0	0	FL403	06/15/98	99/99/99	
9-2520-116-00	FERRITE PLATE; 15 PIN, D-TYPE	0	1100	1.000	1.000	EA P	YN	1.000	0	0	FB400	06/15/98	99/99/99	

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BILL OF MATERIAL
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 AS OF 10/19/98

PAGE NO: 9

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 99 ASK AUTOMATIC WITH NEW BOM
 82554-00-C OPCODE: 3 IN REV: C4 CCA RX/TX
 MODEL:
 ECO NO: A40074
 DATE OF LAST ECO: 09/29/98

OP: ORDER POLICY CODE
 REQ: N=PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
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 P=PART PRINTS ON SALES ORDER WITH PRICE

PART NUMBER	DESCRIPTION	O P	RV	ITEM NO.	QTY PER ASSEMBLY	YIELD FACTR	UM	SC	R QF	DAYS		REFERENCE SEQ DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE	
										EP	DEFAULT OFF				
37938	FERRITE BEAD SMT	3		1115	1.000	1.000	EA	P	YN	1.000	0	0	FB402	09/04/98	99/99/99
82555	FERRITE 3 LINE HI CURRENT	3		1120	1.000	1.000	EA	P	YN	1.000	0	0	FB404	06/15/98	99/99/99
82556	FERRITE MULTI TURN HI CURRENT	3		1130	1.000	1.000	EA	P	YN	1.000	0	0	FB405	06/15/98	99/99/99
82557	RELAY,12VOLT COIL 8AMP 240W	3		1140	1.000	1.000	EA	P	YN	1.000	0	0	K400	06/15/98	99/99/99
1900-0584-42	ASSY COAX CABLE 2.40" LONG	3	E	1150	1.000	1.000	EA	B	YN	1.000	0	0	W401	09/04/98	99/99/99
1900-0584-52	ASSY COAX CABLE 4.10" LONG	3	E	1160	1.000	1.000	EA	B	YN	1.000	0	0	W402	09/04/98	99/99/99
82554-C	PRINTED WIRING BOARD RX/TX	3	C	1170	1.000	1.000	EA	B	YN	1.000	0	0		06/15/98	99/99/99
9-5640-299-00	SHIELD CAN;7MM,TOKO 060069-01	0		1180	4.000	1.000	EA	P	YN	4.000	0	0	S1-54	06/15/98	99/99/99
82790	SHIELD INNER-HALF RX/TX	3	A	1190	1.000	1.000	EA	B	YN	1.000	0	0		06/15/98	99/99/99
82791	SHIELD OUTER-HALF RX/TX	3	A	1200	1.000	1.000	EA	B	YN	1.000	0	0		06/15/98	99/99/99
82792	SHIELD WEB RX/TX	3	B	1210	2.000	1.000	EA	B	YN	2.000	0	0		06/15/98	99/99/99
82607	SHIELD INNER-HALF RXER	3	A	1220	1.000	1.000	EA	B	YN	1.000	0	0		06/15/98	99/99/99
82608	SHIELD OUTER-HALF RXER	3	A	1230	1.000	1.000	EA	B	YN	1.000	0	0		06/15/98	99/99/99
82609	SHIELD,WEB RXER	3	A	1240	1.000	1.000	EA	B	YN	1.000	0	0		06/15/98	99/99/99
9-6050-220-00	WIRE; 22 AWG BUS	0		1250	.000	1.000	IN	F	YN	.000	0	0		06/15/98	99/99/99
9-6050-200-00	WIRE;BUS,20GA	0		1255	.000	1.000	FT	F	YN	.000	0	0		06/15/98	99/99/99
9-3155-110-00	INSULATOR;XTAL CAN	0		1260	4.000	1.000	EA	P	YN	4.000	0	0		06/15/98	99/99/99
9-6061-300-99	WIRE; 30 AWG HOOK-UP WHITE	0	C	1270	.000	1.000	FT	F	YN	.000	0	0		09/29/98	99/99/99
9-6041-180-02	WIRE;18 AWG SOLDEREZE SNGL RED	0		1280	.000	1.000	FT	F	YN	.000	0	0		07/08/98	99/99/99
9-6061-180-00	WIRE; 18 AWG HOOK-UP BLACK	0	B	1290	.000	1.000	FT	F	YN	.000	0	0		07/08/98	99/99/99
9-6061-200-99	WIRE; 20 AWG HOOK-UP WHITE	0	C	1300	.000	1.000	FT	F	YN	.000	0	0		07/08/98	99/99/99
9-3157-018-00	SLEEVEING;TEFLON,18 GAGE,THIN W	0		1310	.000	1.000	FT	F	YN	.000	0	0		07/08/98	99/99/99
31226	RTV TRANSLUCENT 6708 10.10Z	3		1320	.000	1.000	EA	F	YN	.000	0	0		07/21/98	99/99/99
82554-XX-SD-C	SCHEMATIC RX/TX	0	C3	9500	.000	1.000	EA	Z	YN	.000	0	0		06/15/98	99/99/99
82554-XX-AD-C	ASSY DWG RX/TX	0	C4	9510	.000	1.000	EA	Z	YN	.000	0	0		06/15/98	99/99/99

FRI, JUL 18, 1997, 11:55 AM

BILL OF MATERIAL

PAGE NO: 1

AS OF 07/18/97

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 201 BOARD ASSEMBLIES - TERRA

OP: ORDER POLICY CODE
 REQ=N=PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
 P=PART PRINTS ON SALES ORDER WITH PRICE

1900-0335-00 OPCODE: 3 IM REV: M ASSY: PCB CONTROLLER, TX-7600
 MODEL: B
 ECO NO: A02202-01
 DATE OF LAST ECO: 07/18/97

PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	UM SC	R EP	DEFAULT QF	OFF QUANTITY	DAYS		REFERENCE SEQ	DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
											SET	SEQ				
1900-0571-00	ASSY; 75P108 W/SMT PNL CSR TUN	O	B	5	1.000	1.000	EA	P	YN	1.000	0	0	0	U701	03/13/96	99/99/99
ECO#1235 ADDED THIS LINE.																
7010-0027-03	PCB; TX-760 D, CONTROLLER	O	E	10	1.000	1.000	EA	P	YN	1.000	0	0	0		00/00/00	99/99/99
9-1517-047-10	CAP; ALUM ELECT, 4.7 UF, 100V	O	B	20	2.000	1.000	EA	P	YN	2.000	0	0	0	C706, C707	00/00/00	99/99/99
9-1517-221-00	CAP; AL, ELECT, 220 UF, 16V	O	C	30	2.000	1.000	EA	P	YN	2.000	0	0	0	C705, C711	00/00/00	99/99/99
*9-1551-610-00	CAP; CHIP TANT 1.0 UF 10% 10V	O	F	40	1.000	1.000	EA	P	YN	1.000	0	10	0	C703	00/00/00	99/99/99
9-1552-133-00	CAP; CER 33 PF, 50V 10%	O	B	50	2.000	1.000	EA	P	YN	2.000	0	0	0	C701, C702	00/00/00	99/99/99
9-1552-268-00	CAP; CER 680 PF, 50V 10%	O	B	70	1.000	1.000	EA	P	YN	1.000	0	0	0	C704	00/00/00	99/99/99
9-1552-510-00	CAP; CER 0.1 UF, 50V 20%	O	B	80	2.000	1.000	EA	P	YN	2.000	0	0	0	C708, C709	00/00/00	99/99/99
9-2185-173-08	CONN; TERM. STRIP, 8 PIN	O	A	83	1.000	1.000	EA	P	YN	1.000	0	0	0	P6	11/09/96	99/99/99
9-2185-173-12	CONN; TERMINAL STRIP, 12 PIN	O	A	86	1.000	1.000	EA	P	YN	1.000	0	0	0	P13	06/28/96	99/99/99
9-2185-190-12	CONN; TERM STRIP, DR, RA, 24 PIN	O	C	90	1.000	1.000	EA	P	YN	1.000	0	0	0	P4	00/00/00	99/99/99
9-2351-001-00	RESONATOR; CER, 4.19 MHZ	O	B	100	1.000	1.000	EA	P	YN	1.000	0	0	0	Y701	00/00/00	99/99/99
*9-3100-002-00	IC; MC33063AD, SOIC	O	A	120	1.000	1.000	EA	P	YN	1.000	0	10	0	U703	00/00/00	99/99/99
*9-3100-003-00	IC; MC78L05CD, SOIC	O	C	130	1.000	1.000	EA	P	YN	1.000	0	10	0	U704	00/00/00	99/99/99
*9-3100-006-00	IC; E ² PROM CMOS 93C46 (64 X	O	A	140	1.000	1.000	EA	P	YN	1.000	0	10	0	U702	00/00/00	99/99/99
9-3220-101-00	TAPE; MYLAR, 1/2" WIDE	O	A	150	2.000	1.000	IN	F	YN	2.000	0	0	0	C003	00/00/00	99/99/99
*9-4703-310-00	RES; CHIP, 0805, 10.0K OHM	O	B	152	2.000	1.000	EA	P	YN	2.000	0	10	0	R713, R714	07/19/94	99/99/99
ECO#1147																
*9-4703-410-00	RES; CHIP, 0805, 100K OHM	O	B	155	1.000	1.000	EA	P	YN	1.000	0	10	0	R712	00/00/00	99/99/99
*9-4704-443-00	RES; CHIP, 1206, 430K OHM	O	B	157	1.000	1.000	EA	P	YN	1.000	0	10	0	R715	03/14/95	99/99/99
ECO#1169																
9-4711-212-20	RES; 12 OHM, CARBON FILM, 1/4W	O	B	160	1.000	1.000	EA	P	YN	1.000	0	0	0	R711	00/00/00	99/99/99
9-4711-347-20	RES; 470 OHM, CARBON FILM, 1/4	O	B	170	1.000	1.000	EA	P	YN	1.000	0	0	0	R710	00/00/00	99/99/99
9-4744-047-20	RES; MELF, 0.47 OHM, .25W, 5%	O	A	180	1.000	1.000	EA	P	YN	1.000	0	0	0	R702	07/18/97	99/99/99
9-4745-410-20	RES; 1K OHM, 5%	O		190	1.000	1.000	EA	P	YN	1.000	0	0	0	R707	00/00/00	99/99/99
*9-4745-468-20	RES CHIP; 6.8K 5% 1/8W 200V	O	B	200	1.000	1.000	EA	P	YN	1.000	0	10	0	R703	00/00/00	99/99/99
*9-4745-510-20	RES; SMT 1206, 10K OHM	O	B	210	1.000	1.000	EA	P	YN	1.000	0	10	0	R708	00/00/00	99/99/99
*9-4745-556-20	RES; 56K OHM 5%	O	B	220	1.000	1.000	EA	P	YN	1.000	0	10	0	R701	00/00/00	99/99/99
*9-4745-647-20	RES; 470K OHM 5%	O	B	230	1.000	1.000	EA	P	YN	1.000	0	10	0	R709	00/00/00	99/99/99
*9-4747-002-00	POT; 100K OHM 30% 100 VDC	O	B	250	1.000	1.000	EA	P	YN	1.000	0	10	0	R704	00/00/00	99/99/99
*9-4748-001-00	RES; NETWORK, SIP, 100K, SMT	O	A	255	1.000	1.000	EA	P	YN	1.000	0	10	0	RP701	03/14/95	99/99/99
ECO#1147																
9-4860-001-00	DIODE; SWITCHING, SMT, 914	O	C	260	2.000	1.000	EA	P	YN	2.000	0	0	0	CR701	00/00/00	99/99/99
CR702																
9-4860-002-00	DIODE; ULTRA FAST POWER	O	B	270	2.000	1.000	EA	P	YN	2.000	0	0	0	CR703	00/00/00	99/99/99
CR704																
9-5190-133-00	SWITCH; TUNING ENCODER W/PUSH	O	A	290	1.000	1.000	EA	P	YN	1.000	0	0	0	SM701	00/00/00	99/99/99
9-5190-136-00	SWITCH; FUNCTION, TX-7600	O	B	300	1.000	1.000	EA	P	YN	1.000	0	0	0	SM702	00/00/00	99/99/99

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BILL OF MATERIAL

PAGE NO: 2

AS OF 07/18/97

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 201 BOARD ASSEMBLIES - TERRA

OP: ORDER POLICY CODE
 REQ:N=PART OPTIONAL
 Y=PART REQUIRED
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1900-0335-00 OPCODE: 3 IM REV: M ASSY; PCB CONTROLLER, TX-760D
 MODEL: B
 ECO NO: A02202-01
 DATE OF LAST ECO: 07/18/97

PART NUMBER	DESCRIPTION	O P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	UM	SC	R EP	DEFAULT QF	OFF QUANTITY	DAYS SET	REFERENCE SEQ	DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
9-5640-338-00	XFMR; HI VOLTAGE, 25:260 TURNS	0	D	310	1.000	1.000	EA	P	YN	1.000	0	0	T701		00/00/00	99/99/99
9010-6693-01	INSULATOR/SHIM	0	C	320	1.000	1.000	EA	B	YN	1.000	0	0			00/00/00	99/99/99
9-6061-240-88	WIRE; 24 AWG HOOK-UP GREY	0	B	330	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-249-02	WIRE; 24AWG TYPE B WHT/BLK/RED	0	B	340	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-33	WIRE; 24 AWG HOOK-UP ORANGE	0	B	350	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-44	WIRE; 24 AWG HOOK-UP YELLOW	0	B	360	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-90	WIRE; 24 AWG HOOK-UP WHT/BLK	0	B	370	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-77	WIRE; 24 AWG HOOK-UP VIOLET	0	B	380	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-22	WIRE; 24 AWG HOOK-UP RED	0	B	390	8.500	1.000	IN	F	YN	8.500	0	0			11/09/96	99/99/99
9-6061-240-92	WIRE; 24 AWG HOOK-UP WHT/RED	0	B	400	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-66	WIRE; 24 AWG HOOK-UP BLUE	0	B	410	3.100	1.000	IN	F	YN	3.100	0	0			11/09/96	99/99/99
9-6061-249-62	WIRE; 24 AWG, HOOK-UP, WHT/BLU	0	B	420	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-97	WIRE; 24 AWG HOOK-UP WHT/VIO	0	B	430	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-55	WIRE; 24 AWG HOOK-UP GREEN	0	B	440	.000	1.000	IN	P	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-11	WIRE; 24 AWG HOOK-UP BROWN	0	B	450	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-98	WIRE; 24 AWG HOOK-UP WHT/GRY	0	B	460	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-91	WIRE; 24 AWG HOOK-UP WHT/BRN	0	B	470	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-93	WIRE; 24 AWG HOOK-UP WHT/ORG	0	B	480	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6061-240-00	WIRE; 24 AWG HOOK-UP BLACK	0	B	490	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
9-6031-106-00	LACING CORD BLK NYLON .090	0	J	500	.000	1.000	IN	F	YN	.000	0	0			11/09/96	99/99/99
7050-0027-03	COMP LOCATOR CNTLR PCB	0	J	9500	.000	1.000	EA	Z	YN	.000	0	0			11/09/96	99/99/99
9-1100-0093-04	SCH CONTROLLER TX760D	0	J	9510	.000	1.000	EA	Z	YN	.000	0	0			07/18/97	99/99/99

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BILL OF MATERIAL

PAGE NO: 1

AS OF 09/04/98

CLASS CODE GROUP: 1 INVENTORY/PURCH CLASS CODES
 CLASS CODE: 235 OUTSIDE ASSEMBLIES

OP: ORDER POLICY CODE
 REQ=N=PART OPTIONAL
 Y=PART REQUIRED
 PF: N=PART DOES NOT PRINT ON SALES ORDER
 Y=PART PRINTS ON SALES ORDER W/O PRICE
 P=PART PRINTS ON SALES ORDER WITH PRICE

83562-00 OPCODE: 3 IM REV: A ASSY CONTROLLER DISPLAY COMM
 MODEL:
 ECO NO: A40061
 DATE OF LAST ECO: 09/04/98

PART NUMBER	DESCRIPTION	D P	ITEM RV	QTY NO.	PER ASSEMBLY	YIELD FACTR	UM	SC	R EP	DEFAULT QF	OFF SET	DAYS SEQ	REFERENCE DESIGNATOR	EFFECTIV DATE	OBSOLETE DATE
1900-0335-10	CCA CONTROLLER	3	C	10	1.000	1.000	EA	B	YN	1.000	0	0		00/00/00	99/99/99
83604	KNOB DUAL INNER W/MARKING	3	C	20	1.000	1.000	EA	P	YN	1.000	0	0		00/00/00	99/99/99
83605	KNOB DUAL OUTER W/DOT	3	B	30	1.000	1.000	EA	P	YN	1.000	0	0		00/00/00	99/99/99
83385	KNOB SINGLE	3	C	40	1.000	1.000	EA	B	YN	1.000	0	0		00/00/00	99/99/99
83554-00	+ASSY DISPLAY COMM	3		50	1.000	1.000	EA	B	YN	1.000	0	0		00/00/00	99/99/99
83665-02	ASSY CABLE DISPLAY	3	B	60	1.000	1.000	EA	B	YN	1.000	0	0		08/31/98	99/99/99
83562-XX-AD	ASSY DWG DISPLAY COMM	0	A	9500	.000	1.000	EA	Z	YN	.000	0	0		09/04/98	99/99/99