

Qty	Reference Designator	MFG	MFG Part #	Description
1	Q1	MOTOROLA	2N7002LT1	N-CHANNEL T-MOS FET
1	U8	ATMEL	AT90S2313-10SI	8-BIT MICROCONTROLLER 2K PROG FLASH
1	L1	TOKO	646CY-100M	10UH CHIP SM INDUCTOR 0.08R
1	D4	PHILIPS	BAV99	DUAL DIODE SOT-23 PKG
11	C1-2 C5-6 C18 C40 C48-51 C57	MURATA	GRM39COG101K050	100PF/25V 0603 SM CERAMIC CAPACITOR
1	C56	MURATA	GRM39COG101K050	CAPACITOR CERAMIC 100PF 25V
2	C4 C39	MURATA	GRM39X7R103K050	10NF/25V 0603 SM CERAMIC CAPACITOR
4	C9 C11 C19 C27	CALCHIP	GMC1025U104Z25NT	0.1UF/25V 0603 SM CERAMIC CAPACITOR
5	C8 C36-37 C52-53	MURATA	GRM39COG180K050	18PF/50V 0603 SM CERAMIC CAPACITOR
1	C41	TAIYO YUDEN	UMK107B222KZ	2.2NF/50V 0603 SM CERAMIC CAPACITOR
1	C42	TAIYO YUDEN	UMK107B682KZ	6.8NF/50V 0603 SM CERAMIC CAPACITOR
12	C7 C16-17 C28-34 C55 C58	MURATA	GRM39X7R102K050	1NF/50V 0603 SM CERAMIC CAPACITOR
6	C21 C23-24 C35 C46-47	KEMET	T491A105K016AS	1UF TANT A-CASE 10V CAPACITOR
1	C38	MATSUO	267E1002106KR	10uF TANT A-CASE 10V CAPACITOR
1	C22	NICHICON	TVX1A102MCA	CAP 1000UF AXIAL 10V 10X21
1	C14	SPRAGUE	516D228M016PS6A	CAP 2200UF AXIAL 16V
3	C15 C25-26	KEMET	T491B106K016AS	10UF/16V TANT-B SM CAPACITOR
2	C12-13	KEMET	T491D226K025AS	22UF/25V TANT-D SM CAPACITOR
1	C20	KEMET	T491D476K016AS	47UF/16V TANT-D SM CAPACITOR
1	C10	UNITED CHEMICON	KME35VB221M10X12LL	220UF/35V TANT K-CASE CAPACITOR
1	C45	MURATA	NFA62R00C221T1	220PF/50V FEEDTHRU SM CAPACITOR ARRAY
1	J5	ASTRON	AT-EMIDB-09-F-A-T3G-NR	CONN DB9 FEMALE R/A PCB
1	FL1	MURATA	DFYGR836CR881NHA	DUPLEXER FILTER AMPS
1	Q3	ZETEX	FMMT717	PNP POWER TRANSISTOR
1	F1	LITTELFUSE	111501	5MM FUSE HOLDER
1	D9	HEWLETT PACKARD	HSMP-3895	DIODE DUAL UNCONNECTED PIN SWITCHING
1	FL2	MOTOROLA	KFF6075D	DUPLEXER CELLULAR 10W
4	L2 L5-7	STETCO	0805G820KTE	82NH 0805 WIREWOUND INDUCTOR
1	L8	TAIYO YUDEN	HK212510NJ-T	10NH 0805 SM MULTILAYER INDUCTOR
2	L3-4	TAIYO YUDEN	HK212512NJ-T	12NH 0805 SM MULTILAYER INDUCTOR
2	D5 D8	LUMEX	SSF-LXH103GD-TR	LED GREEN R/A SM
1	U5	NATIONAL SEMI	LM2940S-12	REGULATOR 12V FIXED 1A
1	U2	NATIONAL	LMC7101AIM5X	SINGLE OP AMP
1	U7	LINEAR TECHNOLOGIES	LT1129CT-5	REGULATOR LOW DROPOUT
1	U9	MAXIM	MAX213EEAI	RS-232 TRANSCEIVERS
1	D2	MOTOROLA	MBRS130LT3	SCHOTTKY DIODE
1	Q4	MOTOROLA	MJF2955	PNP POWER TRANSISTOR
5	Q6-7 Q10-12	MOTOROLA	MMBT3904LT1	NPN TRANSISTOR
3	Q2 Q8-9	MOTOROLA	MMBT3906LT1	PNP TRANSISTOR
1	D3	MOTOROLA	MMSZ5246BT1	DIODE 16V SM ZENER
1	J3	MOLEX	39-29-1048	CONN 4PIN 2X2 RA
1	D1	MOTOROLA	MR2535L	DIODE TRANSIENT SUPPRESSOR
3	C43-44 C54	MURATA	NFM60R10T471	CAP 470PF FILTER
2	U6 U10	BURR-BROWN	OPA2343UA	SINGLE SUPPLY, RAIL-TO-RAIL DUAL OP-AMP
1	U1	HITACHI	PF0030	6W CLASS C POWER AMPLIFIER
1	R21	ROHM	MCR18EZHJ153	15 KOHM 1206 SM RESISTOR
1	R41	ROHM	MCR18EZHJ182	1.8 KOHM 1206 SM RESISTOR
1	R20	ROHM	MCR18EZHJ332	3.3 KOHM 1206 SM RESISTOR
2	R29 R33	ROHM	MCR03EZHUJ 000	0 OHM 0603 SM RESISTOR
4	R7-8 R16 R24	ROHM	MCR03EZHJ101	100 OHM 0603 SM RESISTOR
3	R4 R49-50	ROHM	MCR03EZHJ102	1K OHM 0603 SM RESISTOR
2	R35 R44	ROHM	MCR03EZHF1002	10K0 OHM 0603 SM RESISTOR
3	R25 R52-53	ROHM	MCR03EZHJ103	10K OHM 0603 SM RESISTOR
1	R5	ROHM	MCR03EZHJ123	12K OHM 0603 SM RESISTOR
1	R36	ROHM	MCR03EZHF1502	15K0 OHM 0603 SM RESISTOR
1	R17	ROHM	MCR03EZHJ160	16 OHM 0603 SM RESISTOR
1	R45	ROHM	MCR03EZHF1801	1K80 OHM 0603 SM RESISTOR
1	R12	ROHM	MCR03EZHJ183	18K OHM 0603 SM RESISTOR
1	R38	ROHM	MCR03EZHF2002	20K0 OHM 0603 SM RESISTOR
1	R30	ROHM	MCR03EZHJ203	20K OHM 0603 SM RESISTOR
2	R14-15	ROHM	MCR03EZHJ301	300 OHM 0603 SM RESISTOR
1	R11	ROHM	MCR03EZHJ303	30K OHM 0603 SM RESISTOR
1	R48	ROHM	MCR03EZHF3320	332 OHM 0603 SM RESISTOR
1	R27	ROHM	MCR03EZHJ331	330 OHM 0603 SM RESISTOR
1	R18	ROHM	MCR03EZHJ332	3K3 OHM 0603 SM RESISTOR
1	R47	ROHM	MCR03EZHF4751	4K75 OHM 0603 SM RESISTOR
5	R28 R34 R42 R46 R51	ROHM	MCR03EZHJ472	4K7 OHM 0603 SM RESISTOR
7	R10 R19 R23 R26 R37 R39-40	ROHM	MCR03EZHJ473	47K OHM 0603 SM RESISTOR
1	R32	ROHM	MCR03EZHJ 563	56K OHM 0603 SM RESISTOR
1	R6	ROHM	MCR03EZHJ681	680 OHM 0603 SM RESISTOR
1	R9	ROHM	MCR03EZHJ682	6K8 OHM 0603 SM RESISTOR
1	R22	ROHM	MCR03EZHJ 683	68K OHM 0603 SM RESISTOR
1	R43	ROHM	MCR03EZHJ751	750 OHM 0603 SM RESISTOR
1	R31	ROHM	MCR03EZHJ 753	75K OHM 0603 SM RESISTOR
1	R13	ROHM	MCR10EZHJB180	18 OHM 0805 SM RESISTOR
3	R1-3	KOA	SR73K2HTE0R5J	0R5 OHM 2010 SM RESISTOR 1/2W

2	U3-4	RF MICRO-DEVICES	RF2314	GENERAL PURPOSE LOW NOISE AMPLIFIER
1	FL3	MURATA	SAFC836.5MA70N-TC	836.5MHZ SAW FILTER
1	Q5	SILICONIX	SI9953DY-TI	MOSFET DUAL P-CHANNEL ENHANCEMENT
1	J1	HUBER & SUHNER	85 SMA-50-0-101	RIGHT ANGLED SMA PC BOARD MOUNT CONNECTOR
1	J2	AMP	413933-1	TNC BOARD MOUNT CONNECTOR
1	J4	3M	151208-8422-TB	CONN 8-PIN CM3 TRIMBLE
1	X1	RALTRON	AS-10.000-20-FUND-EXT-SMD-STD-T	10 MHZ CRYSTAL