

QUANTUM FW10 PARTS LIST			file: FW10PARTLIST.xls
Line #	Des	Parts #	
L1	ANTENNA	LINX TECH ANT-433-PW-LP	
L3	INDUCTOR	220NH SMT0805 COILCRAFT 0805CS-221XJ	
L4	INDUCTOR	56NH SMT0805 COILCRAFT 0805CS-560XJ	
L5	CAP	27pf 5% 25V CERAMIC NPO SMT0603	
L6	CHIP BEAD	FAIR-RITE 2506031217YO SMT0603	
L7	RES	10K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L8	CAP	4700pf 5% 25V CERAMIC X7R SMT0603	
L9	CAP	0.015uf 5% 16V CERAMIC X7R SMT0603	
L10	CAP	5600pf 5% 25V CERAMIC X7R SMT0603	
L11	RES	100K 1% 1/10W OR 1/16W THICK FILM SMT0603	
L12	RES	100K 1% 1/10W OR 1/16W THICK FILM SMT0603	
L13	RES	100K 1% 1/10W OR 1/16W THICK FILM SMT0603	
L14	RES	160K 1% 1/10W OR 1/16W THICK FILM SMT0603	
L15	RES	1M 5% 1/10W OR 1/16W THICK FILM SMT0603	
L16	RES	100OHM 5% 1/10W OR 1/16W THICK FILM SMT0603	
L17	CAP	100pf 5% 25V CERAMIC NPO SMT0603	
L18	CAP	10uf 10% 16V TANTALUM SMT B(3528) NEMCO	
L19	RES	4.7K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L20	RES	24K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L21	RES	150K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L23	CAP	10uf 10% 16V TANTALUM SMT B(3528) NEMCO	
L24	CAP	0.1uf 10% 50V CERAMIC X7R SMT0805	
L25	RES	150OHM 5% 1/10W OR 1/16W THICK FILM SMT0603	
L26	SWITCH DPDT	MMK MMS-BD-2-2N	
L27	LED	BICOLOR L3WEGW KINGBRIGHT	
L28	CAP	10uf 10% 16V TANTALUM SMT B(3528) NEMCO	
L30	TRANSISTOR	ZETEX FMMT458 SOT23	
L31	RES	47K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L32	TRANSISTOR	MMBT4126	
L33	RES	1K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L34	RES	20K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L35	CAP	0.1uf 10% 50V CERAMIC X7R SMT0805	
L36	RES	10K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L37	DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON	
L38	SWITCH PUSHBTN	SHIN WAY DTS-66KB WEALTH METAL TC-0109	

L39		PC CONNECTOR	109-B110	
L40		2.5MM STEREO JACK	SIMULA AJ-402 SC PRECISION SCJ-0253A-2	
L41		TRANSISTOR	ZETEX FZT857 SOT223	
L42		TRANSISTOR	ZETEX FZT857 SOT223	
L43		RES	330OHM 5% 1/10W OR 1/16W THICK FILM SMT0603	
L44		RES	330OHM 5% 1/10W OR 1/16W THICK FILM SMT0603	
L45		RES	2K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L46		CAP	0.1uf 10% 50V CERAMIC X7R SMT0805	
L47		CAP	0.1uf 10% 50V CERAMIC X7R SMT0805	
L48		CAP	0.1uf 10% 50V CERAMIC X7R SMT0805	
L49		RES	1K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L50		RES	1K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L51		TRANSISTOR	ZETEX FMMT458 SOT23	
L52		TRANSISTOR	ZETEX FMMT458 SOT23	
L53		TRANSISTOR	ZETEX FMMT458 SOT23	
L54		TRANSISTOR	ZETEX FMMT458 SOT23	
L55		RES	10OHM 5% 1/10W OR 1/16W THICK FILM SMT0603	
L56		RES	10OHM 5% 1/10W OR 1/16W THICK FILM SMT0603	
L57		3.5MM PHONO JACK	S.C. PRECISION SCJ0357B RDI RSJ-370	
L58		DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON	
L59		DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON	
L60		RES	200K 1% 1/10W OR 1/16W THICK FILM SMT0603	
L61		TRANSISTOR	MOT MUN 5214T1 or ROHM DTC114YUA SOT-323 (SC-70)	
L62		RES	20K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L63		DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON	
L64		TRANSISTOR	MOT MUN 5214T1 or ROHM DTC114YUA SOT-323 (SC-70)	
L65		TRANSISTOR	MOT MUN 5214T1 or ROHM DTC114YUA SOT-323 (SC-70)	
L66		MICROCONTROLLER	ATMEL AT90S4414-4AC SMT TQFP44	
L69		RESONATOR	SMT PBRC-4.00B AVX	
L70		RES	4.7K 5% 1/10W OR 1/16W THICK FILM SMT0603	
L71		VOLTAGE SUPERVISOR	TI TPS3809L30 or MAXIM MAX809S SOT23	
L72		CAP	0.1uf 10% 50V CERAMIC X7R SMT0805	
L73		CAP	10uf 10% 10v CERAMIC X5R SMT1210 TDK C3225X5R1A106K	
L74		DC-DC CONVERTER	MAXIM MAX1678EUA SMT UMAX	
L75		RES	10OHM 5% 1/10W OR 1/16W THICK FILM SMT0603	
L76		DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON	
L77		INDUCTOR	47UH SMT ABC SDS0804-470K	

L78		CAP	10uf 10% 10v CERAMIC X5R SMT1210 TDK C3225X5R1A106K
L79		RES	200K 1% 1/10W OR 1/16W THICK FILM SMT0603
L80		RES	56K 1% 1/10W OR 1/16W THICK FILM SMT0603
L81		RES	200K 1% 1/10W OR 1/16W THICK FILM SMT0603
L82		DIODE	CMR1-02M OR S1D SMTDO-214AC CENTRAL OR GENERAL
L83		SWITCH DPDT	MMK MMS-BD-2-2N
L84		CAP	0.1uf 10% 50V CERAMIC X7R SMT0805
L85		VOLTAGE REGULATOR	NATIONAL LM3480 SOT23
L86		CAP	0.1uf 10% 50V CERAMIC X7R SMT0805
L87		DIODE	CMR1-02M or S1D SMTDO-214AC CENTRAL OR GENERAL
L89		DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON
L90		JACK MIN DIN	8 pin
L91		TRANSISTOR	MOT MUN 5214T1 or ROHM DTC114YUA SOT-323 (SC-70)
L92		RES	20K 5% 1/10W OR 1/16W THICK FILM SMT0603
L93		CAP	100uf 20% 6.3V TANTALUM SMTC(6032)
L95		8POS ROT DIP SWITCH	SHIN WAY RR31311 PLAIMAE RR313 8 POS ROTARY DIP SWITCH
L96		HEADER 5P	JST B5B-ZR
L97		SWITCH SPDT	RAINBOW SS-12E01G2 E-SWITCH EG1218
L98		SWITCH SPDT	RAINBOW SS-12E01G2 E-SWITCH EG1218
L99		SWITCH SPDT	RAINBOW SS-12E01G2 E-SWITCH EG1218
L100		SWITCH SPDT	RAINBOW SS-12E01G2 E-SWITCH EG1218
L101		SWITCH SPDT	RAINBOW SS-12E01G2 E-SWITCH EG1218
L102		RES	1M 5% 1/10W OR 1/16W THICK FILM SMT0603
L103		RES	1M 5% 1/10W OR 1/16W THICK FILM SMT0603
L107		DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON
L110		TRANSCEIVER	RFM TR3000 SM-20L
L112			battery clip
L113		1.3MM DC JACK	SUN RISE DC-041-PT2 SC PRECISION SCD420ACS005000
L115		DIODE SCHOTTKY	SS12/CMSH1-20M/FM5817 SMTDO-214AC GENERAL/CENTRAL/RECTRON
L117		RES	100OHM 5% 1/10W OR 1/16W THICK FILM SMT0603
L118		TRANSISTOR	MOT MUN 5214T1 or ROHM DTC114YUA SOT-323 (SC-70)