

	Qty	Value	Device	Parts	Supplier	Supplier Description	Supplier Ref	Comments
Supply								
	4	0.1µ	LCC capacitor 5.08mm lead spacing	C3, C4, C7, C8	Electronique-Diffusion	COND.POLYES.LCC MILFEUIL 100 NF	CDMIL100NF	
	2	4.7µ 35V	Polarized Capacitor E2.5-6	C5, C6	Electronique-Diffusion	COND.TANTAL GOUTTE 35V 4,7 MF 2.54	CDTA35V4MF7-254	
	2	2200µ 16V	Polarized Capacitor E5-13	C1, C2	Electronique-Diffusion	COND.CHIM. RAD 85; PAS 5,08 25V 2200MF	CDR8525V2K2MF5	
	6	1N4001	Diode DO-41	D1, D2, D3, D4, D5, D6	Electronique-Diffusion	DIODE 1N4001 50V 1A SOD-22	D1N4001	
	1	78L05	positive voltage regulator 100mA TO-92	IC1	Electronique-Diffusion	78L05 + ROHS + TO-92	C178L05-R	
	1	79L05	negative voltage regulator 100mA TO-92	IC2	Electronique-Diffusion	REGULATEUR 79L05 -5V 0.1A TO-92	C179L05	
	1	220V/9V 1.5VA	Transformer EI30	TR1	Conrad	TRANSFO 1.5VA 9V	504449-62	
Receiver								
	1	470µ 6.3V	Electrolytic Capacitor E3.5-8	C401	Electronique-Diffusion	COND.CHIM. RAD 85; PAS 3,5 16V 470MF	CDR8516V470MF3	For 1 minute time constant.
	4	0.1µ	LCC capacitor 5.08mm lead spacing	C103, C104, C701, C703	Electronique-Diffusion	COND.POLYES.LCC MILFEUIL 100 NF	CDMIL100NF	
	3	4.7µ 10V	tantalum capacitor 2.5mm diam. 6	C101, C102, C704	Electronique-Diffusion	COND.TANTAL GOUTTE 35V 4,7 MF 2.54	CDTA35V4MF7-254	
	1	10µ	tantalum capacitor 2.5mm diam. 6	C702	Electronique-Diffusion	COND.TANTAL GOUTTE 35V 10 MF 2.54	CDTA35V10MF-254	
	1	22p	Ceramic cap 2.5mm 025X050	C301	Electronique-Diffusion	COND.CERAM.PAS 2,54 22 PF	CDC25422PF	
	1	68p	Ceramic cap 2.5mm 025X050	C002	Electronique-Diffusion	COND.CERAM.PAS 2,54 68 PF	CDC25468PF	
	1	1n	Ceramic cap 2.5mm 025X050	C802	Electronique-Diffusion	COND.CERAM.PAS 2,54 1,0 NF	CDC2541NF	
	1	47n	Ceramic cap 2.5mm 025X050	C001	Electronique-Diffusion	COND.MULTI. Z5U 50V 47NF PAS 2.54	CDMZ50V47NF-2	
	10	0.1µ	Ceramic cap 2.5mm 025X050	C003, C005, C006, C101B, C201, C202, C501, C601, C602, C803	Electronique-Diffusion	COND.MULTI. Z5U 50V 100NF PAS 2.54	CDMZ50V100NF-2	
	1	0.1µ	Ceramic cap. 5.08mm 024X044	C801	Electronique-Diffusion	COND.MULTI. Z5U 50V 100NF PAS 5.08	CDMZ50V100NF-5	
	1	51	Resistor Metal Film 1/4W 1% 0207	R804	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 51R1	REP1451R1	
	1	470	Resistor Metal Film 1/4W 1% 0207	R802	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/6 W 470R	REP14470R	
	4	1k	Resistor Metal Film 1/4W 1% 0207	R001, R002, R801, R803	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 1k	REP141KR	
	1	3.3k	Resistor Metal Film 1/4W 1% 0207	R304	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 3K32R	REP143K32R	
	3	4.7k	Resistor Metal Film 1/4W 1% 0207	R005, R009, R202	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 4.7 KR	REP144K7R	
	12	10k	Resistor Metal Film 1/4W 1% 0207	R004, R008, R011, R201, R301, R302, R303, R305, R306, R601, R604, R701	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 10KR	REP1410KR	
	2	20k	Resistor Metal Film 1/4W 1% 0207	R003, R401	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 20KR	REP1420KR	
	1	30.1k	Resistor Metal Film 1/4W 1% 0207	R603	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 30K1R	REP1430K1R	
	1	39k	Resistor Metal Film 1/4W 1% 0207	R402	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 39K2R	REP1439K2R	
	2	47k*	Resistor Metal Film 1/4W 1% 0207	R503, R505	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 47KR	REP1447KR	*: matched resistors. Order 10+ resistors for and select closest parts
	1	90.9k	Resistor Metal Film 1/4W 1% 0207	R602	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 90K9R	REP1490K9R	
	4	1M	Resistor Metal Film 1/4W 1% 0207	R501, R502, R506, R507	Electronique-Diffusion	RESISTANCE PRECISION 1% 1/4 W 1MR	REP141MR	
	10	see frequency table	Resistor Metal Film 1/4W 1% 0207	R101A, R101B, R102A1, R102A2, R102B1, R102B2, R103A, R103B, R104A, R104B	Electronique-Diffusion			
	1	1k	trimmer S64W/3266W/T63YB	R504	Electronique-Diffusion	POT.AJUST.VERT.15T T93 YA 1,0 KOHM	POT93YA1KR	
	1	100k	trimmer S64W/3266W/T63YB	R203	Electronique-Diffusion	POT.AJUST.VERT.15T T93 YA 100 KOHM	POT93YA100KR	
	2	250k	trimmer S64W/3266W/T63YB	R007, R010	Electronique-Diffusion	POT.AJUST.VERT.15T T93 YA 220 KOHM	POT93YA220KR	
	2	see frequency table	trimmer 67W/3296W/T93YA	R102A3, R102B3	Electronique-Diffusion			
	2	1N4148	Diode DO-35	D301, D302	Electronique-Diffusion	DIODE 1N4148 75V 0.2A DO-35	D1N4148	
	2	BC237B	NPN transistor TO-92	T1, T2	Electronique-Diffusion	BC237B + ROHS + TO-92	TRBC237B-R	
	1	NE2-NEON-BULB	neon bulb	GL1	Electronique-Diffusion	AMP LUCIOLE 65V NEON 3MM	QUE265	
	1	ANTENNA	PCB right angle BNC connector	X2	Electronique-Diffusion	EMBASE BNC FEMELLE POUR C.1 50 Ohms	COVB1211	optional
	1	CARRIER	PCB right angle BNC connector	X3	Electronique-Diffusion	EMBASE BNC FEMELLE POUR C.1 50 Ohms	COVB1211	
	1	MAX187	ADC converter – DIP8	IC7	Electronique-Diffusion	CI MAX187BCPA	CIMAX187B	
	1	MAX275ACP	Filter – DIP20	IC6	Electronique-Diffusion	CI MAX275ACPP	CIMAX275ACPP	
	5	TLE2082CP	Op-amp – DIP8	IC1, IC2, IC3, IC4, IC5	Digikey	IC OPAMP JFET 10MHZ DUAL 8DIP	296-1874-5-ND	
	1	UM232R	USB interface – UM232R	X4	FTDI	http://www.ftdichip.com/Products/Modules/DevelopmentModules.htm#UM232R	UM232R	
	1		24-pin 0.6in wide DIP socket		Electronique-Diffusion	SUPPORT CI TULIPE A SOUDER 24 br. LARGE	COIC124L	
	1		20-pin 0.3in wide DIP socket		Electronique-Diffusion	SUPPORT CI TULIPE A SOUDER 20 br. ETROIT	COIC120E	
	6		8-pin 0.3in wide DIP socket		Electronique-Diffusion	SUPPORT CI TULIPE A SOUDER 8 br.	COIC108	
Hardware& Misc.								
	1		metal box		Electronique-Diffusion	COFFRET ALUMINIUM 190 x 110 x 60 mm	HACA16	or Conrad 541656-62 (Hammond 1590D)
	5		Pin headers 2.54mm	JP1, JP2, JP3, JP4, JP5	Conrad	BARETTE MALE 2X10 CONTACTS DROITE	741199-62	10 ea.
	5		Jumper 2.54		Electronique-Diffusion	CAVALIER NOIR POUR BARETTE CI 2.54 mm	COW8013T50N	
	3		Test pins diam. 1mm	IN, MID, OUT	Electronique-Diffusion	100 PICOTS C.I. POINT DE TEST	QUE183	100 ea.
	2		Spade male pin 2.8mm-wide	PAD1, PAD2	Electronique-Diffusion	100 PICOT C.I. COSSES POIGNARD	QUE180	100 ea.
	2		Spade connector, female, 2.8mm-wide		Electronique-Diffusion	10 COSSES FEMELLE ROUGE 2,7x0,8 mm	EL6527	10 ea.
	1		line socket or grommet		Conrad	SOCLE SECTEUR MALE BIPOLAIRE	735620-62	or use grommet Electronique-Diffusion QUES01070020010
	1		power switch w/ light		Electronique-Diffusion	INTER BASCULE UNIPOLAIRE ROUGE	COB100LUM	or Conrad 700290-62
	1		fuse holder		Electronique-Diffusion	PORTE FUSIBLE A VIS (5X20)	AL520V	or Conrad 533858-62 / 501262-62
	1		100mA fuse		Electronique-Diffusion	10 FUSIBLES TEMPORISES 5X20mm 100mA	ALFPT0A100	10 ea.
	8		Standoff male-female M3 10mm-long or #4-40 3/8"-long		Electronique-Diffusion	10 ENTRETOISES METAL MALE/FEM. 10x6x8 mm	QUETPCD10	10 ea.
	8		Screw, M3 x 10mm or #4-40 x 3/8"		Electronique-Diffusion	100 VIS METAL A FENTE 3 x 10 mm	QUVM310	100 ea.
	8		Flat washer, M3 or #4		Electronique-Diffusion	100 RONDELLES PLATES 3 mm	QURP3	100 ea.
	8		Lock washer, M3 or #4		Electronique-Diffusion	100 RONDELLES FREIN ACIER ZINGUE 3 mm	QURF3	100 ea.
	8		Hex nut, M3 or #4-40		Electronique-Diffusion	100 ECROUS ACIER ZINGUE M 3	QUEM3	100 ea.
	4		Self-adhesive rubber pad		Electronique-Diffusion	PIED CAOUTCHOUC ADHESIF NATUREL	QUHN0858435	