

**Transverter BOM (70cm version)**

*Supplier is DigiKey unless specified*

Qty	Part #	Description	Supplier
2	SBL2-LH+	Frequency mixer 5-1000MHz	Minicircuits
1	ADP-2-1W	Power splitter/combiner 1-650MHz	Minicircuits
1	ETC1-1-13	Transmission line transformer 1:1	MA/COM
1	SX52-1571-400M	400MHz oscillator	Connor Winfield
4	1812SMS-22NJLB	INDUCTOR 22nH	Coilcraft
3	M8466CT-ND	INDUCTOR CHIP .22UH 10% SMD	
10	445-2206-1-ND	FERRITE CHIP BEAD 600 OHM SMD	
2	445-1753-1-ND	INDUCTOR MULTILAYER 1.5UH 1008	
2	PAT123CT-ND	ATTENUATOR 3 DB 50 OHM 0805 SMD	
3	PAT1210CT-ND	ATTENUATOR 10 DB 50 OHM 0805 SMD	
10	311-56.0FRCT-ND	RES 56.0 OHM 1/4W 1% 1206 SMD	
10	P100DBCT-ND	RES 100 OHM 1/16W .1% 0603 SMD	
10	PCC0R5CNCCT-ND	CAP 0.5PF 50V CERM CHIP 0805 SMD	
10	311-1089-1-ND	CAP CERAMIC 1.0PF 50V NP0 0805	
10	PCC1R5CNCCT-ND	CAP 1.5PF 50V CERM CHIP 0805 SMD	
5	490-1999-1-ND	CAP 1.4-3.0PF 3.2X4.5MM SMD BRN	
10	PCC150CNCCT-ND	CAP 15PF 50V CERM CHIP 0805 SMD	
10	PCC470CGCT-ND	CAP 47PF 50V CERM CHIP 0805 SMD	
10	PCC101CGCT-ND	CAP 100PF 50V CERM CHIP 0805 SMD	
10	PCC103BNCT-ND	CAP 10000PF 50V CERM CHIP 0805	
10	PCC2452CT-ND	CAP .1UF 50V CERAMIC X7R 0805	
5	495-2237-1-ND	CAP TANTALUM 10UF 16V 20% SMD	
2	599-1037-1-ND	SGA-4586Z IC AMP HBT SIGE 4000MHZ SOT-86	
1	497-1535-1-ND	LF60ABDT IC LDO 6V REGULATOR DPAK	
1	MCP1700T5002EMBCT-ND	IC LDO REG 250MA 5.0V SOT-89	
1	HM969-ND	Hammond 1455C801 3.15"x2.125x.91" aluminum box clear	

Notes:

1. Qty column counts for DigiKey minimum order. Not all parts may be used.
2. SMA PCB connectors are not specified in this BOM.
3. The Hammond box specified can be replaced with a die cast Hammond 1590B series box for more mounting space and/or better shielding.