

## Bandfilter module panel for HiQSDR Preselector V2K

Count	Name	Value / Wert	Case / Type	Manufacturer	Additional information
<b>Toroid Coils</b>					
2	L12,L14	209 nH	Ringkern / Toroid T30-6	Amidon	8 Turns, 0.5 mm CUL, Length=9cm
1	L38	240 nH	Ringkern / Toroid T30-6	Amidon	6 Turns, 0.5 mm CUL, Length=12cm
1	L34	270 nH	Ringkern / Toroid T30-6	Amidon	7 Turns, 0.5 mm CUL, Length=12cm
1	L33	310 nH	Ringkern / Toroid T30-6	Amidon	8 Turns, 0.5 mm CUL, Length=12cm
2	L6,L7	423 nH	Ringkern / Toroid T30-6	Amidon	11 Turns, 0.5 mm CUL, Length=13cm
2	L36,L37	940 nH	Ringkern / Toroid T30-6	Amidon	16 Turns, 0.3 mm CUL, Length=20cm
4	L31,L32,L39,L40	1 µH	Ringkern / Toroid T30-6	Amidon	16 Turns, 0.5 mm CUL, Length=21cm
1	L35	1.1 µH	Ringkern / Toroid T30-6	Amidon	17 Turns, 0.3 mm CUL, Length=21cm
2	L28,L29	1.2 µH	Ringkern / Toroid T30-6	Amidon	17 Turns, 0.3 mm CUL, Length=21cm
1	L30	1.25 µH	Ringkern / Toroid T30-6	Amidon	18 Turns, 0.3 mm CUL, Length=22cm
1	L27	1.44 µH	Ringkern / Toroid T30-6	Amidon	19 Turns, 0.3 mm CUL, Length=23cm
2	L23,L24	1.65 µH	Ringkern / Toroid T30-6	Amidon	21 Turns, 0.3 mm CUL, Length=24cm
1	L26	2 µH	Tapped Ringkern / Toroid T30-6	Amidon	6+17=23 Turns, 0.3 mm CUL, Length=32cm, tapped 6th winding
1	L25	2.1 µH	Tapped Ringkern / Toroid T30-6	Amidon	6+18=24 Turns, 0.3mm CUL, Length=34cm, tapped 6th winding
2	L21,L22	2.2 µH	Ringkern / Toroid T30-6	Amidon	25 Turns, 0.3 mm CUL, Length=30cm
2	L17,L18	3 µH	Ringkern / Toroid T30-6	Amidon	29 Turns, 0.3 mm CUL, Length=37cm
1	L20	3 µH	Tapped Ringkern / Toroid T30-6	Amidon	7+22=29 Turns, 0.3 mm CUL, Length=42cm, tapped 7th winding
1	L8	3.2 µH	Ringkern / Toroid T30-6	Amidon	30 Turns, 0.3 mm CUL, Length=32cm
1	L19	3.65 µH	Tapped Ringkern / Toroid T30-6	Amidon	8+24=32 Turns, 0.3 mm CUL, Length=36cm, tapped 8th winding
2	L15,L16	4 µH	Ringkern / Toroid T30-6	Amidon	34 Turns, 0.3 mm CUL, Length=37cm
1	L4	5.6 µH	Ringkern / Toroid T30-6	Amidon	39 Turns, 0.2 mm CUL, Length=41cm
1	L13	6.4 µH	Tapped Ringkern / Toroid T30-2	Amidon	10+29=39 Turns , 0.2 mm CUL, Length=43cm, tapped 10th winding
2	L10,L11	8.2 µH	Ringkern / Toroid T30-2	Amidon	44 Turns, 0.2 mm CUL, Length=50cm
3	L1,L2,L3	10.7 µH	Ringkern / Toroid T30-2	Amidon	49 Turns, 0.2 mm CUL, Length=53cm
1	L9	12 µH	Ringkern / Toroid T30-6	Amidon	58 Turns, 0.2 mm CUL, Length=51cm
1	L5	20.4 µH	Ringkern / Toroid T30-6	Amidon	75 Turns, 0.15 mm CUL, Length=80cm
6	L41,L42,L43,L44,L45,L46	Optional	Optional Ringkern / Toroid T30-6	Amidon	
1	L47	Optional	Optional Ringkern / Toroid T30-6	Amidon	
<b>Capacitors</b>					
1	C84	1,5..3pF	TRIMM-C_TZ4B		
2	C62, C83	1p	0805, 5%		

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2	C57,C58	2p7	0805, 5%		
1	C76	4p7	0805, 5%		
2	C94,C96	6p8	0805, 5%		
2	C82,C85	8p2	0805, 5%		
1	C37	10p	0805, 5%		
2	C14,C24	22p	805,50%		
1	C24	25p	0805, 5%		
2	C59,C81	27p	0805, 5%		
6	C28,C60,C68,C78,C79,C80	33p	0805, 5%		
6	C61,C65,C66,C67,C2A,C3A	39p	0805, 5%		
8	C53,C54,C63,C64,C92,C93,C95,C108	47p	0805, 5%		
3	C47,C51,C52	56p	0805, 5%		
3	C29,C1A,C4A	68p	0805, 5%		
8	C5,C38,C41,C42,C48,C49,C91,C107	82p	0805, 5%		
2	C18,C20	100p	0805, 5%		
4	C36,C39,C40,C77	120p	0805, 5%		
2	C18,C20	120p	0805, 5%		
2	C35,C75	180p	0805, 5%		
4	C25,C26,C32,C34	220p	0805, 5%		
2	C2,C3	220p (+39p=259p)	0805, 5%		
1	C6	330p	0805, 5%		
2	C8,C10	390p	0805, 5%		
2	C1,C4	560p (+68p=628p)	0805, 5%		
2	C13,C23	820p	0805, 5%		
4	C15,C17,C19,C21	1n	0805, 5%		
2	C31,C33	2n2	0805, 5%		
2	C7,C9	3n9	0805, 5%		
5	C11,C12,C16,C22,C50	OPEN	0805, 5%		
31	C27,C30,C43,C44,C45,C46,C55,C56,C69,C70,C71,C72,C73,C74,C86,C87,C88,C89,C90,C97,C98,C99,C100,C101,C102,C103,C104,C105,C106,C109,C110	Optional	0805, 5%		
<b>Resistors</b>					
14	R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R14	1K5	805		

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Diodes					
14	D5,D6,D11,D12,D17,D18,D23,D24,D29,D30,D35,D36,D41,D42	1PS70SB15	SOT323		
14	D3,D4,D9,D10,D15,D16,D21,D22,D27,D28,D33,D34,D39,D40	LED Green	LED_0603_ High Efficiency		
14	D1,D2,D7,D8,D13,D14,D19,D20,D25,D26,D31,D32,D37,D38	LL4148	MINIMELF		
28	J1,J2,J3,J4,J5,J6,J7,J8,J9,J10,J11,J12,J13,J14,J15,J16,J17,J18,J19,J20,J21,J22,J23,J24,J25,J26,J27,J28	PCB Connector male	Micro-Match_8pole male for PCB		