

Low Cost Panadapter V0.1a

<i>Qty</i>	<i>Value</i>	<i>Device</i>	<i>Part ID</i>	<i>Source</i>	<i>Part No. or Vendor ID</i>
<i>Resistors</i>					
1	68R	RESISTOR 0603	R6	Digikey	1276-4550-1-ND
1	330R	RESISTOR 0603	R10	Digikey	1276-4604-1-ND
2	1k0	RESISTOR 0603	R3,R7	Digikey	1276-3484-1-ND
1	1k2	RESISTOR 0603	R9	Digikey	1276-4651-1-ND
1	1k6	RESISTOR 0603	R8	Digikey	1276-4663-1-ND
2	10k	RESISTOR 0603	R2,R5	Digikey	1276-3485-1-ND
2	12k	RESISTOR 0603	R1,R4	Digikey	1276-4750-1-ND
<i>Capacitors</i>					
3	200pF	CAP_NONPOLARIZED 0603 5% NPO 50V	C3,C4,C5	Digikey	1276-2221-1-ND
7	1nF	CAP_NONPOLARIZED 0603 5% NPO 50V	C1,C2,C6,C8,C9,C10,C12	Digikey	311-1423-1-ND
1	2.2nF	CAP_NONPOLARIZED 0603 5% X7R 50V	C7	Digikey	1276-1987-1-ND
1	1uF 25V	CAP 0603 10% X5R 25V	C11	Digikey	587-1248-1-ND
<i>Inductors</i>					
2	33nH	Inductor 0805 5% Q=60@ 250MHz Murata LQW2BA	L1,L3	Digikey	490-5655-1-ND
1	43nH	Inductor 0805 5% Q=60@ 250MHz Murata LQW2BA	L2	Digikey	1276-2302-1-ND
2	150nH	Inductor 1008 2% Q=50@150MHz Abracon ASIC-1008(F)	L4,L5	Digikey	AISC-1008-R15G-TCT-ND
2	4.7uH	Inductor 0603 10% Abracon AIML-0603	L6,L7	Digikey	535-11602-1-ND
<i>Diodes & Transistors</i>					
3	BFR520	NPN SOT23	Q1,Q2,Q3	Digikey	568-1648-1-ND
<i>Connectors & PCB</i>					
1	PCB	40x12mm		VE3CZO	
1	MCX bulkhead	10cm pigtail connector		eBay	
1	MCX jumper	MCX male to MCX male jumper 15cm		eBay	
1	V+ supply wire	24ga stranded hookup wire 6cm long			