

VK3PE's Si5351 board				
8th Jan 2019				
Part Type	Designator	Footprint	Description	Notes
100nF X7R	C8	1206-0805	1206-0805 either size OK	
100nF X7R	C7	1206-0805	Capacitor	
100nF X7R	C4	1206-0805	Capacitor	
100nF X7R	C6	1206-0805	Capacitor	
100nF X7R	C5	1206-0805	Capacitor	
100nF X7R	C2	1206-0805	Capacitor	
100nF X7R	C1	1206-0805	Capacitor	
100nF X7R OR 1uF/10V ceramic	C3	1206-0805	Capacitor	
10K	R2	1206-0805	resistor smd	
10K	R1	1206-0805	resistor smd	
25MHz (10ppm or better)	Y1	XTAL1	Crystal alternate to Osc (OSC1)	
2K2	R14	1206-0805	resistor smd	
2K2	R13	1206-0805	resistor smd	
74LVC1G126	U4	SOT353	buffer chip SOT-23-5	
74LVC1G126	U5	SOT353	buffer chip SOT-23-5	
74LVC1G126	U3	SOT353	buffer chip SOT-23-5	
BSS138	Q3	SOT-23	2N7002 also ok in smd	
BSS138	Q2	SOT-23	2N7002 also ok in smd	
FB 0805 or 1206	FB2	1206	FERRITE BEAD	eg Murata BLM21PG331
FB 0805 or 1206	FB3	1206	FERRITE BEAD	eg Murata BLM21PG331
FB 0805 or 1206	FB1	1206	FERRITE BEAD	eg Murata BLM21PG331
FOX924B 2.5ppm, 25MHz 5x3.2mm	OSC1	FOX924	alternate to crystal	
HEADER 7	J1	sip7	male 7 pin header	
mic5504-3.3ym5-tr OR LP5951MF-3.3/NOPBCT	U1	SOT23-5	voltage reg. smd	
Si5351	U2	MSOP10	Si5351 chip, 10 pins	