

5W PA for WSPR Ultimate				
	vk3pe	Feb-16		
"0805-1206" means most footprints can be fitted, 0805 preferred though				
Part Type	Designator	Footprint	Description	Notes
1.09uH	L1	T50_TOROID	Inductor	for 30M band (refer to Ultimate web page for other band values)
1.09uH	L2	T50_TOROID	Inductor	for 30M band (refer to Ultimate web page for other band values)
1.257uH	L3	T50_TOROID	Inductor	for 30M band (refer to Ultimate web page for other band values)
270pF	C17	0805-1206	Capacitor	for 30M band (refer to Ultimate web page for other band values)
270pF	C16	0805-1206	Capacitor	for 30M band (refer to Ultimate web page for other band values)
560pF	C14	0805-1206	Capacitor	for 30M band (refer to Ultimate web page for other band values)
560pF	C15	0805-1206	Capacitor	for 30M band (refer to Ultimate web page for other band values)
100K	R5	0805-1206	RES FIXED	
100nF	C6	0805-1206	Capacitor	
100nF	C5	0805-1206	Capacitor	
100nF	C4	0805-1206	Capacitor	
100nF	C11	0805-1206	Capacitor	
100nF	C7	0805-1206	Capacitor	
100nF	C8	0805-1206	Capacitor	
100nF	C9	0805-1206	Capacitor	
100nF	C10	0805-1206	Capacitor	
100nF	C2	0805-1206	Capacitor	
100nF	C3	0805-1206	Capacitor	
10K	R3	0805-1206	RES FIXED	
10K	R2	0805-1206	RES FIXED	
10K	R4	0805-1206	RES FIXED	
10R	R7	0805-1206	RES FIXED	

10uF/16V	C12	ccase	polarized cap	
180R	R10	0805-1206	RES FIXED	
180R	R8	0805-1206	RES FIXED	
1K	RV1	trim-pot	POTENTIOMETER	
1N4001	D1	axial0.5	Diode	
1nF	C1	0805-1206	Capacitor	
22uF/16v	C13	ccase	polarized cap	
270R	R6	0805-1206	RES FIXED	
2N7000	Q1	TO-92B	FET	
33R	R9	0805-1206	RES FIXED	
4K7	R1	0805-1206	RES FIXED	
78L05	U1	to-92a	Regulator IC	
BN43-202	T1	BALUN	balun core	
NDT2955	Q2	SOT-223	FET	
RD16HHF1	Q3	TO-220	FET	