



Freq.	P out	C1	C2	C3	L1	L2	RFC	Q1
30 MHz	30 dBm	150 pf	15 pf	39 pf	1.5 uh	1.2 uh	33 uh	2N5109
100 MHz	24 dBm	68 pf	10 pf	none	.82 uh	.47 uh	10 uh	2N5109
200 MHz	30 dBm	33 pf	10 pf	none	.47 uh	.27 uh	5.6 uh	MRF227

One Watt Class-C Amplifier

The FD700 diode keeps the duty-cycle near 50% for good efficiency for a wide range of input power levels.