



PIN	Funct
1	GND
2	Ant
3	3.3V
4	5V
5	SCL
6	SDA
7	D6
8	D7
9	TX
10	GND

Component selection table for output low pass filter. Use either Amidon T37 or T50 Toroids							Amidon T37 Toroids			Amidon T50 Toroids		
Band Meter	Band MHz	-3dB MHz	C1,C4 pF	C2,C3 pF	L1, L3 uH	L2 uH	T37 Core	L1,L3 Turns	L2 Turns	T50 Core	L1,L3 Turns	L2 Turns
2190	0.137	0.20	6800	27000	52	83	FT37-61	31	39	FT50-61	27	35
630	0.475	0.66	2200	8200	15	24	FT37-67	27	35	FT50-67	26	33
160	1.84	2.76	820	2200	4.44	5.61	T37-2	33	37	T50-2	30	34
80	3.39	5.11	470	1200	2.43	3.01	T37-6	28	32	T50-6	22	25
40	7.04	9.04	270	680	1.38	1.7	T37-6	21	23	T50-6	17	18
30	10.4	11.62	270	560	1.09	1.26	T37-6	19	20	T50-6	15	16
20	14.1	16.41	180	390	0.773	0.904	T37-6	16	17	T50-6	12	13
17	18.1	22.89	110	270	0.548	0.668	T37-6	13	15	T50-6	10	11
15	21.1	27.62	82	220	0.444	0.561	T37-6	12	14	T50-6	9	10
12	24.9	28.94	100	220	0.438	0.515	T37-6	12	13	T50-6	9	10
10	28.1	40.52	82	150	0.303	0.382	T37-6	10	11	T50-6	8	9
6	50.3	62	36	100	0.197	0.248	T37-10	9	10	T50-10	8	9

Source = http://www.gqrp.com/harmonic_filters.pdf

Prod Version	Revision	Revision date
1	6	2019-01-22
Prod Name		
WSPR-TX_LP1		