

YW223710/720 27MHz Transmitter materials

No.	Value	Designator	Part Type	No.	Value	Designator	Part Type
1	330	R1	resistor	35	103	C9	capacitor
2	330	R2	resistor	36	104	C10	capacitor
3	680	R3	resistor	37	20PF	C11	capacitor
4	47K	R4	resistor	38	222	C12	capacitor
5	1.5K	R5	resistor	39	100P	C13	capacitor
6	20	R6	resistor	40	270P	C14	capacitor
7	6.2K	R7	resistor	41	103	C15	capacitor
8	22K	R8	resistor	42	150P	C16	capacitor
9	10K	R9	resistor	43	68P	C17	capacitor
10	10K	R10	resistor	44	150P	C18	capacitor
11	680	R11	resistor	45	103	C19	capacitor
12	4.7K	R12	resistor	46	103	C21	capacitor
13	3.9K	R13	resistor	47	103	C22	capacitor
14	390	R14	resistor	48	103	C23	capacitor
15	1K	R15	resistor	49	22P	C24	capacitor
16		R16	resistor	50	22P	C25	capacitor
17	5.1	R17	resistor	51	0.47uH	L1	inductance
18	5.6K	R18	resistor	52	2.2uH	L2	inductance
19	5.6K	R19	resistor	53	10 uH	L3	inductance
20	1K	R20	resistor	54	0.7~0.12 uH	L4	inductance
21	22K	R21	resistor	55	2SC9018	Q2	transistor
22	22K	R22	resistor	56	2S C2314	Q3	transistor
23	22K	R23	resistor	57	2SC9014	Q4	transistor
24	5.6K	R24	resistor	58	2SC9014	Q5	transistor
25	4.7K	R25	resistor	59	TL431	Q6	IC
26	2.2K	R26	resistor	60	5K	W1	resistor
27	1K	R27	resistor	61	5K	W2	resistor
28	100u	C1	electrolyti	62	5K	W3	resistor
29	103	C2	capacitor	63	5K	W4	resistor
30	4.7u	C3	electrolyti	64	5K	W5	resistor
31	103	C4	capacitor	65	HRONPA40A	U1	IC
32	56PF	C5	capacitor	66	YELLOW	LED1	DIODE
33	103	C6	capacitor	67	GREEN	LED2	DIODE
34	223	C7	capacitor	68	RED	LED3	DIODE

FCC ID : TWDAD223127

Tune up procedure over power range according to section 2.1033(c) (9)

1 Adjustment procedure for the transmitter in order to insure it is transmitting at 27MHz.

The transmitting frequency is fixed by crystal (26.995MHz, 27.045MHz, 27.095MHz, 27.145MHz, 27.195MHz, 27.255MHz) circuit. We set TX module to lock only for crystal circuit.

So it is impossible to transmitting other frequencies with crystalset.