

72MHz RF Transmit For BOM

Item	Name	Description	Unit	Qty	Reference
1	Chip-RES	Chip-RES, SMD, 47K, $\pm 5\%$, 0805, 1/10W	PCS	3	R1、R2、R3
2	Chip-RES	Chip-RES, SMD, 10K, $\pm 5\%$, 0805, 1/10W	PCS	4	R4、R6、R8、R5
3	Chip-RES	Chip-RES, SMD, 220K, $\pm 5\%$, 0805, 1/10W	PCS	1	R9
4	Chip-RES	Chip-RES, SMD, 1.2K, $\pm 1\%$, 0805, 1/10W	PCS	2	R10 R14
5	Chip-RES	Chip-RES, SMD, 3.3K, $\pm 5\%$, 0805, 1/10W	PCS	1	R7 R11
6	Chip-RES	Chip-RES, SMD, 22 Ω , $\pm 5\%$, 0805, 1/10W	PCS	1	R12
7	Chip-RES	Chip-RES, SMD, 100 Ω , $\pm 5\%$, 0805, 1/10W	PCS	1	R13
8	Chip-RES	Chip-RES, SMD, 56 Ω , $\pm 5\%$, 0805, 1/10W	PCS	1	R15
9	Chip-RES	Chip-RES, SMD, 680 Ω , $\pm 1\%$, 0805, 1/10W	PCS	3	R16、R17、R21
10	Chip-RES	Chip-RES, SMD, 330 Ω , $\pm 5\%$, 0805, 1/10W	PCS	1	R18
11	Chip-RES	Chip-RES, SMD, 2.2 Ω , $\pm 5\%$, 0805, 1/10W	PCS	2	R19、R20
12	Chip-RES	Chip-RES, SMD, 0 Ω , $\pm 5\%$, 0805, 1/10W	PCS	1	R22
13	CAP CERAMIC	CAP, MULTILAYER, 104/25V, K0805, X7R	PCS	1	C30
14	CAP CERAMIC	CAP, MULTILAYER, 102/50V, K0805, X7R	PCS	5	C5、C6、C7、C20、C21
15	CAP CERAMIC	CAP, MULTILAYER, 470PF/50V, K0805, X7R	PCS	1	C9
16	CAP CERAMIC	CAP, MULTILAYER, 333/50V, K0805, X7R	PCS	7	C2、C10、C11、C12、C13、C14、C15
17	CAP CERAMIC	CAP, MULTILAYER, 39PF/50V, J0805, NPO	PCS	3	C16、C17、C18
18	CAP CERAMIC	CAP, MULTILAYER, 1PF/50V, C0805, NPO	PCS	1	C19
18	CAP CERAMIC	CAP, MULTILAYER, 100PF/50V, C0805, NPO	PCS	1	C22
19	CAP CERAMIC	CAP, MULTILAYER, 68PF/50V, J0805, NPO	PCS	3	C23
20	CAP CERAMIC	CAP, MULTILAYER, 18PF/50V, J0805, NPO	PCS	1	C24
21	CAP CERAMIC	CAP, MULTILAYER, 56PF/50V, J0805, NPO	PCS	2	C25 C27
22	CAP CERAMIC	CAP, MULTILAYER, 47PF/50V, J0805, NPO	PCS	1	C26
23	CAP CERAMIC	CAP, MULTILAYER, 1PF/50V, C0805, NPO	PCS	1	C28
24	TRANSISTOR	Transistor, 9014C, SOT-23	PCS	2	Q1、Q2
25	TRANSISTOR	High, Frequency, Transistor, Toshiba, 2SC2714, QY, SOT23	PCS	1	Q3
26	TRANSISTOR	High Frequency Transistor Toshiba 2SC3356 R25 SOT23	PCS	1	Q4
27	VD	Variable Capacitance Diode 0805 MARK=Yellow+S BB910	PCS	1	VD1
28	PCB	TX1P02B 60.8*33.2mm Only Layer FR4 T=1.6mm REV:01	PCS	1	
29	CAP TERYLENE	0.0022uF/100VK	PCS	1	C8
30	MIN/E-CAP	47uF/16V, $\pm 20\%$, 105 $^{\circ}$ C, MIN/E-CAP, 5*7mm	PCS	2	C3、C4
31	VR	1K, $\pm 20\%$, 7*7mm	PCS	1	VR1
32	VR	10K, $\pm 20\%$, 7*7mm	PCS	1	VR2
33	INDUCTOR	2.7uH $\pm 20\%$ 0.32 Ω , CHOKE, COLL, TWE4-2R7K	PCS	1	L2
34	IC	LM78L05, TO-92	PCS	1	U1
35	TRANSISTOR	High Frequency Transistor SANYO 2SC2314(F) TO-126	PCS	1	Q5
36	TRANSFORMER	R.F.COIL, PKH6-512694, 1-3CAP: 26PF $\pm 3\%$, 80MHZ, Q=45Min	PCS	3	T1、T2、T3
37	TRANSFORMER	R.F.COIL, PKH6-512693, 4-6: 0.43uH $\pm 6\%$, 25.2MHZ, Q=65Min	PCS	2	T4、T5
38	WIRE	XAO45101, WHITE 26#L=45 ± 3 mm, 3mm	PCS	1	ANT1
39	CRYSTAL	Crystal HC-50U Series TX72MHZ ± 10 ppm	PCS	1	X1
40	CONNECTOR SIDE	3Pin, 90, T=2.54mm, White	PCS	1	J1

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Item	Name	Description	Unit	Qty	Referance
1	Chip-RES	Chip-RES, SMD, 1K	PCS	2	R42, R43
2	Chip-RES	Chip-RES, SMD, 1M	PCS	1	R44
3	Chip-RES	Chip-RES, SMD, 47K	PCS	7	R33, R32, R31, R53, R35, R39, R26, R34
4	Chip-RES	Chip-RES, SMD, 0R	PCS	2	R40, R41
5	Chip-RES	Chip-RES, SMD, 200R	PCS	4	R30, R28, R27, R29
6	Chip-RES	Chip-RES, SMD, 5.3K	PCS	4	AIL, THR, ELE, RUD
7	CAP CERAMIC	CAP, MULTILAYER, 104/25V, K0805, X7R	PCS	6	C70, , C37, C35, C56, C53, C54,
8	CAP CERAMIC	CAP, MULTILAYER, 0.1uF	PCS	12	C35, C34, C33, C32, C31, C55, C36, C52, C27, C28, C29, C30,
9	CAP CERAMIC	CAP, MULTILAYER, 18P	PCS	2	C41, C42
10	SURGE	Grystal Series 8MHZ	PCS	1	XY2
11	WIRE		PCS	4	SW5, SW7, SW6, SW8
12	TERMINAL		PCS	1	CON5
13	IC	C8051F310	PCS	1	U1