

Transmitter BOM

Category	value	Footprint	Quantity	Locations
resistor	0R	0603A	2	R702 R703
	100K	0603A	2	R402 R412
	100R	0603A	2	R418 R426
	10K	0603A	7	R113 R202 R115 R710 R101 R109 R110
	10K	0603A	1	R309
	10P	0603A	2	C417 C421
	10R	0603A	6	R503 R417 R425 R506 R427 R507
	150R	0603A	1	R406
	15K	0603A	1	R502
	1K	0603A	4	R405 R410 R701 R670
	22K	0603A	3	R504 R104 R107
	220R	0603A	2	R411 R605
	22R	0603A	1	R409
	2K2	0603A	4	R408 R413 R108 R680
	2K7	0603A	1	R114
	330R	0603A	1	R700
	33K	0603A	1	R111
	47K	0603A	1	R999
	47R	0603A	4	R401 R416 R420 R424
	4K7	0603A	11	R505 R415 R414 R423 R422 R421 R600 R998 R997 R404 R403
5. 1R	0603A	1	R203	
680R	0603A	1	R201	
variable resistor	VR10K	VR0	1	VR101
	1nF	0603A	13	C505 C404 C411 C426 C428 C508 C810 C109
				C514 C801 C802 C803 C804
	0. 5P	0603A	1	C419
1P	0603A	1	C420	

capacitor	2P	0603A	3	C513 C423 C425
	3P	0603A	1	C506
	4P	0603A	3	C512 C422 C809
	50P	0603A	2	C103 C107
	100P	0603A	7	C416 C602 C414 C111 C696 C407 C406
	47P	0603A	1	C431
	200P	0603A	1	C692
	20P	0603A	1	C402
	10nF	0603A	15	C203 C204 C207 C405 C504 C600 C601 C412 C427 C429 C424 C511 C108 C201 C101
	100nF	0603A	1	C115
	470nF	0603A	1	C410
	680nF	0603A	1	C415
	1uF	1206	3	C120 C694 C112
	10uF	1206	4	C205 C206 C502 C403
	22uF	1206	4	C501 C409 C215 C510
	4.7uF	1206	10	C119 C605 C110 C690 C113 C114 C106 C606 C697 C691
47uF	3225	1	C202	
	C1	0603A	1	Remark: depend on transmit frequency section
	C2	0603A	1	Remark: depend on transmit frequency section
variable capacitor	VC5-30P	VC5*3.5	1	VC401
inductor	22uH	L4*3	1	L202
	220nH	0805A	6	L201 L200 L203 L202 L404 L402
	100uH	1206	2	L203 L206
	10nH	0603A	2	L504 L503
	100nH	0603A	2	L501 L401
	1uH	0805A	1	L201
	L1	0603A	1	L403 Remark: depend on transmit frequency section
	AHR	SOT-23	1	VT201

transistor	BR	SOT-323	2	VT402 Q110
	L6	SOT-23	2	VT202 VT101
	R24	SOT-323	1	VT401
infrared Led	IRM1838EA	LED-B-H	1	1838
IC	JRC3404	SO-8	1	IC101
	MB15E03SL	SSOP-16	1	IC401
	N48	SOT-143	2	VT503 VT502
	NE571	SOL-16	1	IC102
	PIC16F676	SO-14	1	IC302
	XC6371P652	SOT-89	1	IC201
	WE	WE1	1	VT403
DIODE	SJ	SOD-323	1	D201
	T4	SOD-323	2	D201 D200
	TV	SOD-323	2	VD401 VD402
shielding box	P16.5*44.5	P16.5*44.5	1	
switch		SW-1	1	SW201
LED		LED-R3	1	D101
connect plug pin	JKT2	JKT2	2	
PCB		029M-571IR	1	
crystal	4.000MHz	X-3	1	TX401

	C1	C2	L1
99A	6P	3P	10nH
99B	9P	3P	8.2nH
790MHz	8	2.5P	8.2nH
842MHz	6	2.5P	8.2nH