

COMPONENTS LIST OF HT-U20 TRANSMITTER

NO.	Name	Specification	Quantity/Set
A	Electronics components		
1	Chip Resistor	10 Ω /0603	1
		100 Ω /0603	1
		220 Ω /0603	3
		330 Ω /0603	1
		470 Ω /0603	2
		680 Ω /0603	1
		820 Ω /0603	1
		1k Ω /0603	2
		2.2k Ω /0603	3
		5.1k Ω /0603	1
		5.6k Ω /0603	2
		10k Ω /0603	5
		15k Ω /0603	2
		22k Ω /0603	1
		33k Ω /0603	3
		47k Ω /0603	2
		75k Ω /0603	2
		130k Ω /0603	1
		180k Ω /0603	1
		220k Ω /0603	1
2	Potentiometer	20K Ω	1
3	Chip capacitor	0.5pF/0603	4
		1pF/0603	1
		3pF/0603	3
		3.3pF/0603	1
		10pF/0603	1
		15pF/0603	1
		33pF/0603	1
		51pF/0603	3
		100pF/0603	2
		220pF/0603	1
		1nF/0603	1
		4.7nF/0603	1
		10nF/0603	13
		47nF/0603	1

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		1uF/0603	2
4	Trimmer capacitor	10pF	3
5	Electrolytic capacitor	1uF/16V($\varnothing 4 \times 5$)	1
		4.7uF/50V($\varnothing 4 \times 5$)	6
		10uF/25V($\varnothing 4 \times 5$)	3
		100uF/16V($\varnothing 6.3 \times 5$)	2
6	Fixed inductor	2.2uH	4
		table	3
7	Variable coil	SJ30T($5 \times 5 \times 7$)	2
		SJ31($5 \times 5 \times 7$)	1
8	Coil	3.5/0.6/1T	1
		3.5/0.6/2.5T	1
		table	1
9	Frame Coil	MD-0605-3.5T-CC	2
10	Diode	BB134(SOD323)	1
		2.4V/0.5W	1
		5.1V/0.5W	1
11	Audion	2SC2714(SOT-23)	2
		2SC1623(SOT-23)	1
		PBR951 (SOT-23)	2
12	IC	78L05(TO-92)	1
		SA571D(SOL-16)	1
		NE4558(SOP-8)	1
13	Crystal	table	1
14	Switch	SM-22D16G5	2
15	LED	LED BLUE	1
		LED RED	1
16	Chip inductor	table	2
17	Chip capacitor	table	7

Frequency Table

Frequency	X1	C12	C13	C14	C19	C22	C23	C55	L1	L15	L16	L18	L8、 L9
(MHz)	(MHz)	(pF)	(pF)	(pF)	(pF)	(pF)	(pF)	(pF)	(uH)	(uH)	(uH)		(nH)
710.4	13.15706	82	150	180	47	56	180	5.1	no	10	2.7	3.5/0.6/3.5T	18
734.6	13.6052	82	150	180	47	51	180	5.1	no	10	1.5	3.5/0.6/3.5T	18
802.525	14.86307	82	150	150	39	43	150	3	8.2	no	no	3.5/0.6/3.5T	12
805.9	14.91817	82	150	150	39	43	150	3	8.2	no	no	3.5/0.6/3.5T	12

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