

V1.3 BOM

Bill of Material for D:\PROJECTS 2022\IC-705 BLUETOOTH LPF\IC-705\_BT\_LPF\_v1.Sch

BOM is for the 'v.10' PCB.

All smd parts are 0805. ie 1206-0805 = 0805

Used Part Type Part Field 2	Designator	Footprint	Description	Library Field 1	Library Field 2	Part Field 1
13 100K	R11 R12 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24	0805				* *
2 100nF	C3 C4	1206-0805				* *
10 10k	R1 R10 R2 R3 R4 R5 R6 R7 R8 R9	1206-0805				* *
2 1N400X	D1 D2	AXIAL0.4	Diode			* *
1 1uF/10V	C2	RB.1/.2	polarized cap			* *
11 2N7002 / 2n7000	Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18 Q19 Q20 Q21	TO220-F			SEE NOTE WHEN USED ON SCH	* *
1 47uF/25V	C1	RB.1/.2	polarized cap			* *
1 74HC42 (dip)	U1	DIP16				* *
1 LM7805	U3	TO-220				* *
11 BSS84	Q1 Q10 Q2 Q22 Q3 Q4 Q5 Q6 Q7 Q8 Q9	SOT23_FET				* *
10 1n4148	D10 D11 D12 D3 D4 D5 D6 D7 D8 D9	AXIAL0.4	Diode			* *
1 ESP32 TTGO	U2	DIP24-W	ESP32 TTGO	(eBay etc)		* *

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2	headers FEMALE to suit U2			
2	HEADER 0.1" PITCH X 4 J3 J4	SIP4	*	*
1	HEADER 0.1" PITCH X8 J2	sip8	*	*
1	HEADER 0.1" pitch x2 J1	SIP2	*	*