

WiFi WebRadio BOM (r1B4, 2020-17-01)  
Project source at <https://github.com/dsaltas/WiFi-WebRadio>

Qty	Part name	Package	Reference Designator	Mouser	TME	
4	12K $\Omega$ 1%	0805	R1, R3, R4, R23	667-ERJ-6ENF1202V		
1	1M $\Omega$ 1%	0805	R2	667-ERJ-6ENF1004V		
2	100K $\Omega$ 1%	0805	R5, R26	667-ERJ-6ENF1003V		
3	470 $\Omega$ 1%	0805	R6, R7, R10	667-ERJ-6ENF4700V		
2	47K $\Omega$ 1%	0805	R8, R9	667-ERJ-6ENF4702V		
2	20 $\Omega$ 1%	0805	R39, R46	667-ERJ-6ENF20R0V		
1	10 $\Omega$ 1%	0805	R42	667-ERJ-6ENF10R0V		
2	47 $\mu$ F 20% 10V	1210	C1, C12	667-10TPE47MAZB		
1	10 $\mu$ F 10% 16V X5R	0805	C2	81-GRM21BR61C106KE15		
12	0.1 $\mu$ F 10% 50V X7R	0603	C3, C5, C6, C7, C11, C14, C19, C24, C31, C38, C43, C45	80-C0603C104K5R		
2	3300pF 10% 50V X7R	0805	C4, C8	80-C0805C332K5RAC		
2	470 $\mu$ F 20% 16V	Radial	C9, C10	647-UKA1C471MPD		
1	47nF 10% 50V X7R	0805	C13	581-08055C473K		
2	22pF 5% 50V C0G	0805	C17, C18	80-C0805C220J5G		
2	10nF 10% 50V X7R	0805	C39, C46	81-GRM40X103K50D		
1	1 $\mu$ F 10% 16V X5R	0805	C44	81-GRM21R61C105KA01L		
2	Chip Ferrite Bead	0603	FB1, FB2	81-BLM18PG221SN1D		
1	VS1053b Audio Codec	LQFP48	IC1	485-1681	VS1053B-L	
1	SRAM 1024K	SOIC8	IC2	579-23LCV1024-I/SN <i>or</i> 579-23LC1024-I/SN		
1	LDO 1V8 Regulator	SOT-23-3	IC3	579-MCP1703AT1802ECB		
1	LDO 3V3 Regulator	SOT-23-5	IC4	595-TLV75533PDBVR		
1	ESP-12F WiFi Module		MD1			
1	12.288MHz $\pm$ 20ppm	HC-49/US	X1	815-ABL-12.288-B2		
1	Tactile Switch	SMD	S1	688-SKQGAD		
1	Audio Jack	Through Hole	K1	806-STX-3100-5N		