Quantity	Part Decription	Part Designator	Mouser PN	TaydaElectronics.com	PJRC.com	Digikey.com	Price (USD)	Ext.: (USD)	Comment
15	0.1uF 50V SMD 1206 Ceramic Capacitor	C2, C3, C8, C9, C10, C11, C13, C14, C16, C19, C20, C23, C24, C26, C31	C1206C104K5RACTU				$ 0.05	$ 0.81	
2	2.2nF 50V SMD 1206 Capacitor	C32, C34	80-C1206C222K5RAC				$ 0.10	$ 0.20	
1	1.0uF 50V SMD 1206 Capacitor	C5	187-CL31B105KBHNNNE				$ 0.15	$ 0.15	
2	2.2uF 25V SMD 1206 Capacitor	C28, C29	80-C1206C225K5R	187-CL31A225KB9LNNC			$ 0.17	$ 0.34	
11	10uF 16V SMD 1206 Capacitor	C4, C12, C15, C17, C18, C21, C22, C25, C27, C30, C33	80-C1206C106K4P				$ 0.29	$ 3.19	
3	470uF 25V Aluminum Electrolytic Cap	C1, C6, C7	667-ECA-1EM471				$ 0.39	$ 1.17	
1	S1A-13-F Diode or equivalent (1N4001)	D1	621-S1A-F				$ 0.24	$ 0.24	
3	LED Diodes SMD; Colors to suit	D2, D3, D4	645-599-0220-007F				$ 0.28	$ 0.84	
1	10V 0.5W SMD Zener Diode	D5	78-MMSZ5240C-E3-08				$ 0.28	$ 0.28	
4	1/8" Female Stereo Jack, PCB Mount	Excite_Out, Mic_In, Rec_In, Audio_Out	490-SJ1-3515N			CP1-3515N-ND	$ 1.41	$ 5.64	
3	Inductor 10uH 20%	L1, L2, L3	81-1264EY-100MP3				$ 0.47	$ 1.41	
1	SUP90P06-09L-E3 MOSFET 90A TO-220-3	Q1	781-SUP90P06-09L-E3				$ 5.05	$ 5.05	
2	2N7000 TO-92	Q2, Q3	512-2N7000BU				$ 0.36	$ 0.72	
3	100 Ohm SMD 1206 Resistor	R6, R11, R12	652-CR1206FX-1000ELF				$ 0.10	$ 0.30	
1	150 Ohm SMD 1206 Resistor	R15	603-RC1206JR-07150RL				$ 0.10	$ 0.10	
2	220 Ohm SMD 1206 Resistor	R4, R5	279-CRGCQ1206J220R				$ 0.10	$ 0.20	
3	330 Ohm SMD 1206 Resistor*	R8, R9, R14	708-RMCF1206FT330R				$ 0.10	$ 0.30	
2	470 Ohm SMD 1206 Resistor	R10, R13	CRCW1206470RJNEAC				$ 0.10	$ 0.20	
1	1K Ohm SMD 1206 Resistor	R3	CRCW12061K00JNEAC				$ 0.10	$ 0.10	
1	2.2K Ohm SMD 1206 Resistor	R7	CRCW12062K20JNEAC				$ 0.10	$ 0.10	
2	10K Ohm SMD 1206 Resistor	R1, R2	CRCW120610K0FKEB				$ 0.10	$ 0.20	
1	100K Ohm SMD 1206 Resistor	R16	71-CRCW1206100KFKEB				$ 0.10	$ 0.10	
1	SPST Momentary Contact Pushbutton	S1		A-4720			$ 0.39	$ 0.39	
1	Teensy 4.1	Teensy 4.1			TEENSY41		$ 31.50	$ 31.50	
1	Teensy Audio Hat	Hat			TEENSY4_AUDIO		$ 14.40	$ 14.40	
1	LM7805CT Voltage Reg. TO-220-3	U1	926-LM7805CT/NOPB				$ 1.70	$ 1.70	
1	AP7381-50V-A LDO Voltage Reg. TO-92	U2	AP7381-50V-A				$ 0.46	$ 0.46	
1	LM1117T-3.3 LDO Voltage Reg. TO-220-3	U3	926-LM1117T-3.3/NOPB				$ 1.69	$ 1.69	
1	ATTINY85-20PU	U4	556-ATTINY85-20PU				$ 1.66	$ 1.66	
1	PCM5102APW Stereo DAC TSSOP-20	U5	595-PCM5102APWR				$ 5.02	$ 5.02	
1	PCM1808PWR Stereo ADC TSSOP-14	U6	595-PCM1808PWR				$ 1.71	$ 1.71	
1	8-PIN IC Socket	For U4		A-001			$ 0.02	$ 0.02	
1	IDC 2x6 Female	USBHost		A-195			$ 0.22	$ 0.22	
4	IDC 1x1 Male Pins	TP1, TP2, Fan1, Fan2		A-4662			$ 0.50	$ 0.50	One Set
5	IDC 2x5 Keyed Male PCB Socket	Bands, Display, FrontPanel, Encoder, RFControl		A-2939			$ 0.14	$ 0.70	
1	IDC 2x3 Keyed Male PCB Socket	Keys/PTT				732-5394-ND	$ 0.48	$ 0.48	
1	IDC 2x3 Male Pins	Ethernet				732-5394-ND	$ 0.48	$ 0.48	
1	IDC 2x3 Male *0.2 pitch	Teensy Ethernet connection		A-1298		1849-1000-ND	$ 0.13	$ 0.13	
1	IDC 2x3 Female *0.2 pitch	Teensy Ethernet connection				S5750-03-ND	$ 0.80	$ 0.80	
2	IDC 1x2 Male Pins	Mic_J, SW_J		A-5773			$ 0.02	$ 0.04	
2	IDC 1x2 Female Connectors (with wires)	Mic_P, SW_P		A-6153			$ 0.79	$ 0.79	
1	IDC 1x3 Male Pins	Disp_Pwr		A-5774			$ 0.02	$ 0.02	
1	IDC 2x4 Male Pins	Acc		A-2948			$ 0.18	$ 0.18	
1	IDC Shorting Cap	(for "Disp_Pwr" connector)		A-1324			$ 0.02	$ 0.02	
1	IDC 1x3 Male Pins 90 Degrees	I/Q_P		A-199			$ 0.17	$ 0.17	
1	IDC 1x3 Female Pins (with wires)	I/Q_J		A-6153			$ 0.79	$ -	Use From Set Above
1	Male Pin set for the Audio Hat			A-4662			$ 0.50	$ 0.50	
1	Female Header set for the Teensy			A-1055			$ 0.22	$ 0.22	
1	12VDC Fan (40mm x 40mm x 6mm)	Or equivalent	664-AD0412HXK96XT1				$ 9.35	$ 9.35	
2	TO-220 Type Heat Sinks	* Check This Number for correctness *	490-HSE-B20250-040H				$ 0.87	$ 1.74	
1	USB Connector	USBHost (cable with connector to outside world)							

104			$ 96.53
	* Use appropriate resistor for LEDs		
	Populate board with EITHER the parts for the Shut Down option or Reverse Voltage Protection option but NOT BOTH		