

Item	Quantity	Reference	Value	PCB Footprint	Manufacturer	Manufacturer Part Number	Distributor	Distributor Part Number	Description
1	8	C39,C47,C49,C51,C53,C69,C74,C85	1uF	CC0402	Murata	GRM155C80J105KE15D	Digikey	490-6281-2-ND	CAP CER 1UF 6.3V 10% X6S 0402
2	13	C40,C43,C48,C50,C52,C54,C70,C75,C76,C78,C79,C82,C92	0.1uF	CC0402	Murata	GRM155R71A104KA01D	Digikey	490-6321-2-ND	CAP CER 0.1UF 10V 10% X7R 0402
3	3	C71,C72,C73	10uF	CC0603	TDK Corporation	C1608X5R0106M080AB	Digikey	445-4112-2-ND	CAP CER 10UF 6.3V 20% X5R 0603
4	2	C77,C80	4700pF	CC0402	Murata	GRM155R60J472KE01D	Digikey	490-6292-2-ND	CAP CER 4700PF 6.3V 10% X5R 0402
5	4	C83,C89,C90,C91	NC	CC0402				Not required	
6	2	C87,C88	47uF	CC0603	Nichicon	F980G476MMA	Digikey	493-3877-2-ND	CAP TANT 47UF 4V 20% 0603
7	1	D3	MBR130_SOD-123_2P	SOD_123FL	ON Semiconductor	MBR130T1G	Digikey	MBR130T1GOSDKR-ND	DIODE SCHOTTKY 30V 1A SOD123
8	1	JP6	Jumper_1x2_100_430L	HDR_THVT_1X2_100_M	SAMTEC	HMTSW-102-07-G-S-230	Digikey	HMTSW-102-07-G-S-230-ND	CONN HEADER 2POS .100" T/H
9	2	J1,J2	CONN_RCPT_10x2	HDR_THVT_2X10_100_F	Samtec	SSQ-110-03-T-D	Digikey	SAM1204-10-ND	CONN RCPT .100" 20POS DUAL TIN
10	2	J3,J4	PHONOJACK_STEREO_15	CUI_SJ1-3515-SMT	CUI Inc	SJ1-3515-SMT-TR-GR	Digikey	CP1-3515JGRTR-ND	CONN JACK STEREO SPOS 3.5MM SMD
11	1	J5	CP-3523MJTR-ND	CUI_MJ-3523-SMT	CUI Inc	MJ-3523-SMT-TR	Digikey	CP-3523MJTR-ND	CONN AUDIO JACK MONO 3.5MM SMD
12	1	J18	CONN_MICRO_USB	FCI_10118194-0001	FCI	10118194-0001LF	Digikey	609-4618-2-ND	CONN USB MICRO B RECPT SMT R/A
13	2	L8,L9	BEAD_FERRITE	INDCO805	Laird-Signal Integrity Products	MI0805K400R-10	Digikey	240-2389-2-ND	FERRITE 1.5A 40 OHM 0805 SMD
14	30	R1,R8,R16,R24,R25,R26,R31,R32,R33,R35,R37,R39,R40,R41,R42,R43,R44,R47,R50,R54,R55,R61,R63,R65,R69,R71,R73,R75,R76,R77	0 R	rc0402	Panasonic	ERJ-2GE0R00X	Digikey	P0.0JTR-ND	RES 0.0 OHM 1/10W JUMP 0402 SMD
15	12	R2,R17,R45,R46,R48,R49,R56,R57,R60,R62,R64,R72	NC	rc0402				Not required	
16	3	R15,R51,R80	10K	rc0402	Yageo	RC0402JR-0710KL	Digikey	311-10KJTR-ND	RES 10K OHM 1/16W 5% 0402 SMD
17	2	R53,R74	1K	rc0402	Yageo	RC0402JR-071KL	Digikey	311-1.0KJTR-ND	RES 1.0K OHM 1/16W 5% 0402 SMD
18	2	R58,R59	0R	RC0603	Panasonic	ERJ-3GEY0R00V	Digikey	P0.0GTR-ND	RES 0.0 OHM 1/10W JUMP 0603 SMD
19	8	TP9,TP10,TP11,TP12,TP13,TP14,TP15,TP16	TP_THRU	HDR_THVT_1X1_100_M	FCI	68001-101HLF	Digikey	609-3467-ND	BERGSTIK II .100" SR STRAIGHT
20	1	U8	TPA2012D2RTJ	qfn50p400x400x80-21n	TEXAS INSTRUMENTS	TPA2012D2RTJ	Digikey	296-17692-6-ND	IC AMP AUDIO PWR 2.1W D 20WQFN
21	1	U3	TLV320AIC3254	QFN50P500X500X100-33NB	TI	TLV320AIC3254IRHBR	Digikey	296-23776-1-ND	IC STEREO AUDIO CODEC 1.8V 32QFN
22	1	U4	TERMINAL_BLOCK	NA	On Shore Technology Inc	OSTTE040104	Digikey	ED2742-ND	TERMINAL BLOCK 3.5MM 4POS PCB
23	1	U6	MIC	CUI_CMC-2242PBL-A	CUI Inc	CMC-2242PBL-A	Digikey	102-1727-ND	MIC COND ANALOG OMNI -42DB
24	1	U7	AEC	HDR_THVT_1X2_100_M				Not required	
25	1	R70	2.2K	rc0402	Panasonic	ERJ-2RKF2201X	Digikey	P2.20KLTR-ND	RES 2.2K OHM 1/10W 1% 0402 SMD
26	2	R78,R79	3.3K	rc0402	Samsung	RC1005F332CS	Digikey	1276-3460-2-ND	RES 3.3K OHM 1/16W 1% 0402

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