

BOM Line	Type	Mfg Part Number	Manufacturer	Short Description	SKU	Value	Unit	Qty	Part Notes	Reference Designator	Package
Line : 1	CAP	C0805C470J5G ACTU	Kemet	MLCC - SMD/SMT 50volts 47pF C0G 5%	80-C0805C470J5G	47	pF	4		C1, C101, C201, C301	0805
Line : 2	CAP	C0805C101J5G ACTU	Kemet	MLCC - SMD/SMT 50volts 100pF C0G 5%	80-C0805C101J5G	100	pF	8		C2, C4, C102, C104, C202, C204, C302, C304	0805
Line : 3	CAP	C0805C561J5G ACTU	Kemet	MLCC - SMD/SMT 50volts 560pF C0G 5%	80-C0805C561J5G	560	pF	8		C3, C5, C103, C105, C203, C205, C303, C305	0805
Line : 4	CAP	C0805C104J5R ACTU	Kemet	MLCC - SMD/SMT 50volts 0.1uF X7R 5% 100nF	80-C0805C104J5R	0.1	uF	16		C409, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424	0805
Line : 5	CAP	C0805C474J5R ACTU	Kemet	MLCC - SMD/SMT 50volts 0.47uF 5% X7R	80-C0805C474J5R	0.47	uF	3		C404, C405, C406	0805
Line : 6	CPES	EEE-FT1V220A R	Panasonic	Alum Elec Cap - SMD 22uF 35volts 4x5.8mm	667-EEE-FT1V220AR	22	uF	4		C401, C402, C407, C408	D4 L5.8 H6.1
Line : 7	DIO	621-1N5819HW - F	Diodes Incorporated	1N5819HW Schottky Diodes & Rectifiers Vr/40V Io/1A T/R	621-1N5819HW-F	1	ea	1		D402	SOD123
Line : 8	HDR	67997-410HLF	Amphenol FCI	HWH 10 POSITION DBL. ROW 2X5	649-67997-410HLF	10	pin	1			2.54
Line : 9	HDW	FE-M3-.5-6PA N- BLK	Fastener Express	M3 X .5 X 6mm Pan Black Oxide Panel Screws	FE-M3-.5-6PAN-BLK	1	each	4			M3

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Line : 10	HDW	502355	Fastener Superstore	M2.5-0.45 x 5 mm Machine Screws / Phillips / Pan Head / Steel / Black Oxide / DIN7985A	502355	1	each	2			M2.5
Line : 11	HDW	548570	Fastener Superstore	M2.5-0.45 Finished Hex Nuts 18-8 Stainless Steel	548570	1	each	2			M2.5
Line : 12	HDW	a19030600ux0424	Uxcell	Washer M3 x 7 x 0.8mm Red Vulcanized Fiber Washer	a19030600ux0424	1	each	4			M3
Line : 13	IC	595-TL072CD	Texas Instruments	TL072 dual op-amp	595-TL072CD	1	ea	4		U3, U4, U5, U6	SOIC8
Line : 14	IC	595-TL074CD	Texas Instruments	TL074 quad op-amp	595-TL074CD	1	ea	2		U1, U2	SOIC14
Line : 15	IC	V2164M	Cool Audio	V2164 quad VCA	V2164M	1	ea	2		IC3, IC6	SOIC16
Line : 16	JCK	WQP518MA	QingPu	3.5mm Jack PJ301M-12 (WQP-PJ398SM) (WQP518MA) Thonkiconn	PJ301M-12	3.5	mm	12			n/a
Line : 17	SEMI	1206L035/16Y R	Littelfuse	Resettable fuse	576-1206L035/16YR	1	ea	1		P401	1206
Line : 18	SEMI	710-74279266 4	Würth Electronics	EMI Filter Bead	710-742792664	1	ea	2		L401, L402	0603
Line : 19	SEMI	MB1S	ON Semiconductor	MB1S Bridge Rectifiers 0.5A Bridge	512-MB1S	1	each	1		D20	SOIC4
Line : 20	SLD	PTL30-1500-104B2	Bourns	Slide Pot 100Kohms Travel=30mm	652-PTL30-1500-104B2	100	kOhm	4			30mm

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Line : 21	SO	801160	Fastener Superstore	4.5 mm OD Hex SO (M-F) / M2.5-0.45 x 10 mm / Alum	801160	10	mm	2			M2.5
Line : 22	SR	RC0805FR-071 K2L	Yageo	Thick Film Resistors - SMD 1.2K OHM 1%	603-RC0805FR-071K2L	1.2	kOhm	4		R1, R101, R201, R301	0805
Line : 23	SR	RK73H2ATTD27 01F	KOA Speer	Thick Film Resistors - SMD 1/8watts 2.7Kohms 1%	660-RK73H2ATTD2701F	2.7	kOhm	4		R18, R119, R219, R317	0805
Line : 24	SR	RC0805JR-073 K3L	Yageo	Thick Film Resistors - SMD 3.3K OHM 5%	603-RC0805JR-073K3L	3.3	kOhm	1		R401	0805
Line : 25	SR	RC0805FR-074 K7L	Yageo	Thick Film Resistors - SMD 4.7K OHM 1%	603-RC0805FR-074K7L	4.7	Kohm	8		R5, R7, R106, R108, R206, R208, R306, R308	0805
Line : 26	SR	RC0805JR-071 0KL	Yageo	Thick Film Resistors - SMD 10K OHM 5%	603-RC0805JR-0710KL	10	kOhm	4		R10, R12, R17, R19	0805
Line : 27	SR	RK73H2ATTD24 02F	Yageo	Thick Film Resistors - SMD 1/4W 24K OHM 1%	660-RK73H2ATTD2402F	24	kOhm	2		R13, R402	0805
Line : 28	SR	RC0805FR-074 9K9L	Yageo	Thick Film Resistors - SMD 49.9K OHM 1%	603-RC0805FR-0749K9L	49.9	Kohm	4		R15, R116, R216, R314	0805
Line : 29	SR	RC0805JR-071 00KL	Yageo	Thick Film Resistors - SMD 100K OHM 5%	603-RC0805JR-07100KL	100	kOhm	12		R4, R6, R11, R105, R107, R112, R205, R207, R212, R305, R307, R311	0805

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Line : 30	SR	RC0805FR-071 ML	Yageo	Thick Film Resistors - SMD 1M OHM 1%	603-RC0805FR-071ML	1	mOhm	8		R2, R3, R102, R103, R202, R203, R302, R303	0805
Line : 31	SR	RK73B2ATTD20 6J	KOA Speer	Thick Film Res - SMD 1/4watts 20Mohms 5%	660-RK73B2ATTD206J	20	Mohm	4		R14, R115, R215, R313	0805
Line : 32	SR	RK73H2ATTD10 00F	KOA Speer	Thick Film Resistors - SMD 1/8watts 100ohms 1%	660-RK73H2ATTD1000F	100	Ohm	4		R8, R109, R209, R309	0805
Line : 33	SR	RC0805FR-075 10RL	Yageo	Thick Film Resistors - SMD 510 OHM 1%	603-RC0805FR-07510RL	510	Ohm	8		R9, R16, R110, R117, R210, R217, R310, R315	0805
Line : 34	SW	MS12ANG03	Mountain Switch	Slide Switches SPDT ON-NONE-ON PC	633-MS12ANG03	1	each	4			SPDT ON-NONE-ON
Line : 35	VREG	595-LM4040C2 5IDBZR	Texas Instruments	LM4040 Shunt Vref 2.5-V .5% acc	595-LM4040C25IDBZR	2.5	V	1			SOT23
Line : 36	VREG	595-LM4040C1 0IDBZR	Texas Instruments	LM4040 Shunt Vref 10V	595-LM4040C10IDBZR	10	V	1	IC401	IC402	SOT23
Line : 37	WIR	CBL1016EURO2 5	synthCube	EURO 10-16 PIN POWER CABLE	10-16EUROCABLE	10	each	1			n/a