Part #	Quantity	Designators	Manufacturer	Description
PJ-102AH	1	J1	CUI Inc.	Jack for 2.1mm ID, 5.5mm OD barrel plug
WAU20-200	1	_	Triad Magnetics	120VAC 60Hz input, 20VAC 200mA output wall adapter. 2.1mm ID, 5.5mm OD barrel plug
SF-2410FP0375T-2	1	F1	Bourns	375mA 125V $0.1502 \text{A}^2 \text{s}$ fast fuse, 2410 case
SMBJ36CA-13-F	1	D3	Diodes Inc.	$\begin{array}{ccc} 36 V & V_{WM} & bidirectional \\ TVS \ diode, \ SMB \ case \end{array}$
NRVTSA4100ET3G	2	D4, D5	ON Semiconductor	$\begin{array}{c} 100 \mathrm{V} \ \mathrm{low} \ \mathrm{leakage}, \ \mathrm{low} \ \mathrm{V_F} \\ \mathrm{Schottky} \ \mathrm{diode}, \ \mathrm{SMA} \ \mathrm{case} \end{array}$
EEV-TG1H471M	2	C5, C6	Panasonic	470µF, 50V, 125°C, low ESR electrolytic capacitor
CKG57NX7R2A106M500JH	4	C3, C4, C9, C10	TDK	10μF, 100V, X7R, dual stacked J-Lead capacitor
SMBJ18A	2	D1, D2	Taiwan Semicon- ductor	$ \begin{array}{ccccccccccccccccccccccccccccccccccc$
TPS7A4901DGNR	1	U1	Texas Instruments	36V linear regulator, 8-MSOP-EP
TPS7A3001DGNR	1	U2	Texas Instruments	36V negative linear regulator, 8-MSOP-EP
GRM1885C1H103JA01D	4	C1, C2, C7, C8	Murata Electronics	10nF 50V NP0 capacitor, 0603 case
DPAD1	4	D6-D9	Linear Systems	Dual 45V picoamp diode, TO-78-5L case
CC0805KRX7R9BB104	4	C13-C16	Yageo	100nF 50V X7R capacitor, 0805 case
CL31B105KBHNNNE	4	C11, C12, C17, C18	Samsung Electro- Mechanics	$\begin{array}{ccc} 1\mu F & 50V & X7R & capacitor, \\ 1206 & case \end{array}$
TBD	2	C19, C20	TBD	TBDpF $\pm 5\%$ 50V NP0 capacitor, 0603 case
OPA192IDR	2	U3, U4	Texas Instruments	±18V low offset, low bias current, high input impedance rail-to-rail op amp

Part #	Quantity	Designators	Manufacturer	Description
CMDD6001	4	D10-D13	Central Semicon- ductor	75V Low leakage diode, SOD323 case
MMBZ27VAL,215	2	D14, D15	Nexperia	$\begin{array}{ccc} {\rm Dual~(common~anode)~low} \\ {\rm leakage} & 22{\rm V} & {\rm V_{WM}} & {\rm TVS} \\ {\rm diode,~SOT233~case} \end{array}$
1776540	1	J2	Phoenix Contact	6 position, 5.08mm pitch right angle socket for ter- minal block plug
1778027	1	_	Phoenix Contact	6 position 5.08mm pitch terminal block plug, screw clamp
ERA-3ARB622V	2	R1, R2	Panasonic	$\begin{array}{c} 6.2 k\Omega \ \pm 0.1\% \ \pm 10 ppm/^{\circ}C \\ 0.1 W \ resistor, \ 0603 \ case \end{array}$
RQ73C1J88K7BTD	2	R3, R4	TE Connectivity	$88.7 k\Omega \pm 0.1\% \pm 10 ppm/^{\circ}C$ 0.1W resistor, 0603 case
RC1206JR-072R2L		R5, R6	Yageo	$\begin{array}{ccc} 2.2\Omega & \pm 5\% & \pm 200 \mathrm{ppm/^{\circ}C} \\ 0.25 \mathrm{W} \ \mathrm{resistor}, \ 1206 \ \mathrm{case} \end{array}$
RC1206FR-0710KL		R7, R8	Yageo	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
RC1206FR-072K7L	2	R11, R13	Yageo	$\begin{array}{cccc} 2.7 \text{k}\Omega & \pm 1\% & \pm 100 \text{ppm/°C} \\ 0.25 \text{W resistor, } 1206 \text{ case} \end{array}$
RC0805FR-071KL	4	R9, R10, R12, R14	Yageo	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
RC0805FR-0720RL	2	R15, R16	Yageo	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
RC1206FR-07100RL	2	R17, R18	Yageo	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
90380A008	6	S1–S6	McMaster-Carr	#2-28 thread, 0.3125" long shank, 0.167" head diameter thread forming screw for plastics
94997A125	2		McMaster-Carr	M2.2 x 6.5c thread forming screw
93365A122	4	_	McMaster-Carr	#4-40 heat set threaded insert for plastic, 0.219" tall
90272A107	4	_	McMaster-Carr	#4-40 thread, 0.3125" long shank machine screw