









Designator	Description	Manufacturer	Manufacturer PartNum	Digikey ref	Quantity
C1, C2		Nichicon	UVR1H101MPD1TD	493-5916-1-ND	2
C3, C4, C5, C6, C21,		M	GRM155R61E105MA12	400 10010 1 ND	7
C22, C23 C7, C8, C13, C14, C24,		Murata	D	490-10018-1-ND	7
C26, C27, C28, C30,					
C31, C32, C33, C34, C35, C36		TDK Corp.	C1005X5R1E104K050BC	445-4964-1-ND	15
C9, C10, C11, C12, C15, C16, C17, C18, C19,					
C20, C37, C38, C39, C40		Samsung	CL10B683KB8NNNC	1276-1814-1-ND	14
C25, C29		Murata	GRM155R71H473KE14D	490-10702-1-ND	2
D1		ON Semi	1N5354BG	1N5354BGOS-ND	1
D2, D3, D4, D5, D8, D9,					
D10, D11, D14, D15, D17, D18		Micro Commercial Co	1N4148WX-TP	1N4148WXTPMSCT-ND	12
	DIODE ZENER ARRAY				
D6, D7, D12, D13, D16	15V SOT23-3	Diodes Inc.	AZ23C15-7-F	AZ23C15-FDICT-ND	5
D19, D20	SMAJ Transient Voltage	Comchip Tech.	CDSU4148	641-1001-1-ND	2
	Suppressor Diode				
D21, D22	Series	Littelfuse Inc	SMAJ24CA	SMAJ24CALFCT-ND	2
F1		Schurter Inc	3403.0166.11	486-1247-ND	1
L1		Wurth Electronics Inc	7447709220	732-1243-1-ND	1
P1	Header, 36-Pin	Phoenix Contact	1990164	277-1810-ND	1
P2	Header, 8-Pin	Phoenix	1869279	277-5855-ND	1
P3 R1, R2, R3, R4, R9, R10,	Header, 10-Pin	Phoenix	1990164	277-1810-ND	1
R11, R12, R17, R18		Yageo	RC0805JR-072K2L	311-2.2KARCT-ND	10
R5, R6, R7, R8, R13,					
R14, R15, R16, R19, R20, R31, R37, R40,					
R41, R42, R43		Panasonic	ERJ-2RKF1002X	P10.0KLCT-ND	16
R21, R22		Yageo	RC0805FR-07510RL	311-510CRCT-ND	2
R23, R24, R26, R27		Panasonic	ERJ-6ENF22R0V	P22.0CCT-ND	4
R25, R28		Susumu	RR0510P-104-D	RR05P100KDCT-ND	2
R29, R35		Panasonic	ERJ-2RKF6800X	P680LCT-ND	2
R30, R36		Cantherm	MF72-060D5	317-1146-ND	2
R32, R38		Rohm Semi	ESR10EZPJ223	RHM22KKCT-ND	2
R33, R39		Susumu	RR0510P-103-D	RR05P10.0KDCT-ND	2
R34		Rohm Semi	MCR01MRTF1001	RHM1.00KCDCT-ND NTD5867NLT4GOSCT-	1
T1, T2, T3, T4		On Semi	NTD5867NLT4G	ND	4
114	IC REG LDO 10V 0.15A	M41	MACDIONAT ANNOUND	MCP1804T-A002I/DBCT-	1
U1	SOT223-3 IC REG LDO 3.3V 0.15A	Microchip	MCP1804T-A002I/DB	ND MCP1804T-3302I/DBCT-	1
U2	SOT223-3	Microchip	MCP1804T-3302I/DB	ND	1
U3, U4, U14	IC LEVEL SHIFTER HEX 16-SOIC	On Semi	MC14504BDG	MC14504BDGOS-ND	3
	IC REG LDO 5V 0.15A			MCP1804T-5002I/OTCT-	
U5	SOT23-5 IC OPAMP GP 220KHZ	Microchip	MCP1804T-5002I/OT	ND	1
U6		Linear Technology	LT1636CS8#PBF	LT1636CS8#PBF-ND	1
U7, U10		Texas Intruments	LM5106MM/NOPB	LM5106MM/NOPBCT- ND	2
	IC GATE AND 1CH 3-INP				
U8	SOT-363	Diodes Inc.	74LVC1G11DW-7	74LVC1G11DW-7CT-ND 74AHC1G32SE-7DICT-	1
U9		Diodes Inc.	74AHC1G32SE-7	ND	1
U11, U13		IXYS Integrated	CPC1018NTR	CLA225CT-ND	2
U12	IC OSC SGL TIMER 2.1MHZ 8-SOIC	Texas Intruments	TLC555CDR	296-1336-1-ND	1
	2.11411 12 0-301C		MCP9501PT-095E/OT		1
U15		Microchip	INICEADOTE 1-0ADE/O I	MCP9501PT-095E/OTCT-1	1