

Ref	Description	Value	Supplier	Case
C1	ALUMINIUM ELCAP - CY SERIES - 105°C - 400V	33uF-400V	NICHICON	DIA 12.5MM x H 25MM
C2	ALUMINIUM ELCAP - CY SERIES - 105°C - 400V	33uF-400V	NICHICON	DIA 12.5MM x H 25MM
C3	SMD-1206 1kV CERCAP X7R - GENERAL PURPOSE	1nF-1kV	AVX	SMD-1206
C4	SMD-0805 50V CERCAP X7R - GENERAL PURPOSE	100nF	AVX	SMD-0805
C5	SMD-0805 50V CERCAP X7R - GENERAL PURPOSE	1uF	MURATA	SMD-0805
C6	CONDUCTIVE POLYMER ALUM. SOLID ELCAP - PLG SERIES - 105°	470uF-16V	NICHICON	DIA 8MM x L 12MM
C7	CONDUCTIVE POLYMER ALUM. SOLID ELCAP - PLG SERIES - 105°	470uF-16V	NICHICON	DIA 8MM x L 12MM
C8	SMD-1206 50V CERCAP X7R - GENERAL PURPOSE	1uF-50V	MURATA	SMD-1206
C9	SMD-0805 50V CERCAP X7R - GENERAL PURPOSE	220pF	AVX	SMD-0805
C11	CERAMIC X1/Y1 DISC CAPACITOR 900 SERIES 250VAC	2.2nF-Y	KEMET	DIA 9MM
C12	ALUMINIUM ELCAP - YXF SERIES - 105°C	22uF-50V	RUBYCON	DIA 5MM X H 11MM
C13	SMD-0805 50V CERCAP X7R - GENERAL PURPOSE	33nF	AVX	SMD-0805
C14	ALUMINIUM ELCAP - YXF SERIES - 105°C	22uF-100V	RUBYCON	DIA 8MM X H 11.5MM
C15	SMD-0805 50V CERCAP X7R - GENERAL PURPOSE	100nF	AVX	SMD-0805
C17	SMD-0805 25V CERCAP X7R - GENERAL PURPOSE	4.7uF	TDK	SMD-0805
C19	SMD-1206 100V CERCAP X7R - FIEXITERM SERIES	1uF-100V	AVX	SMD-1206
D1	GLASS PASSIVATED BRIDGE RECTIFIER	2KBP06M	VISHAY	KBPM
D2	HIGH VOLTAGE FAST RECTIFIER	RS1K	FAIRCHILD	SMA
D4	SMALL SIGNAL SWITCHING DIODE	1N4148W	VISHAY	SOD123
D5	SMALL SIGNAL SWITCHING DIODE	BAV103	VISHAY	SOD80 (MINIMELF)
D6	ZENER DIODE BZV55 SERIES 2%	BZV55-B10	NXP	SOD80 (MINIMELF)
D7	SMALL SIGNAL SCHOTTKY DIODE	BAT43WS	DIODES ZETEX	SOD323
D8	SMALL SIGNAL SWITCHING DIODE	1N4148WS	DIODES ZETEX	SOD323
F1	FUSE SS-5F SERIES 2.5A-250VAC FAST ACTING	2.5A-F-250Vac	BUSSMANN	DWG
J1	CONNECTOR MKDS 3.81	IN-CON	PHOENIX	DWG
J2	USB TYPE-A FEMALE CONNECTOR	USB TYPE-A F	WURTH ELEK.	DWG
L1	DRUM FILTER CHOKE WE-TI	47uH	WURTH ELEK.	DIA 6MM
L2	WE-PMI CHIP MULTILAYER INDUCTOR	4.7uH	WURTH ELEK.	SMD-0805
Q1	N-CHANNEL POWER MOSFET	STB13N80K5	STMICROELECTRONICS	D2PACK
Q2	N-CHANNEL 20V MOSFET	STR2N2VH5	STMICROELECTRONICS	SOT23
Q3	SMALL SIGNAL N-CHANNEL DEPLETION MOSFET 100V	BSS169	INFINEON	SOT23
Q4	DUAL N-CANNEL POWER TRENCH MOSFET	FDG8850NZ	FAIRCHILD	SC70-6
Q5	N-CHANNEL POWER MOSFET 100V LL	FDMS86103L	FAIRCHILD	POWER FLAT
R1	INRUSH CURRENT LIMITING RESISTOR NTC	NTC-5R	EPCOS	DWG
R2	SMD-1206 STAND. FILM RES - 1/4W - 5% - 200ppm/°C	330k	BC COMPONENTS	SMD-1206
R3	SMD-0805 STAND. FILM RES - 1/8W - 5% - 250ppm/°C	2k4	BC COMPONENTS	SMD-0805

Ref	Description	Value	Supplier	Case
R4	SMD-1206 STAND. FILM RES - 1/4W - 5% - 200ppm/°C	430R	BC COMPONENTS	SMD-1206
R6	SMD-0805 STAND. FILM RES - 1/8W - 5% - 200ppm/°C	10R	BC COMPONENTS	SMD-0805
R9	SMD-1206 STAND. FILM RES - 1/4W - 1% - 100ppm/°C	0.56R	BC COMPONENTS	SMD-1206
R10	SMD-1206 STAND. FILM RES - 1/4W - 1% - 100ppm/°C	0.51R	BC COMPONENTS	SMD-1206
R11	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	33R	BC COMPONENTS	SMD-0805
R13	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	220k	BC COMPONENTS	SMD-0805
R14	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	33k	BC COMPONENTS	SMD-0805
R15	SMD-0805 STAND. FILM RES - 1/8W - 5% - 250ppm/°C	1k0	BC COMPONENTS	SMD-0805
R16	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	24k	BC COMPONENTS	SMD-0805
R17	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	68k	BC COMPONENTS	SMD-0805
R18	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	12k	BC COMPONENTS	SMD-0805
R19	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	100k	BC COMPONENTS	SMD-0805
R20	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	100k	BC COMPONENTS	SMD-0805
R23	SMD-0805 STAND. FILM RES - 1/8W - 5% - 200ppm/°C	1k	BC COMPONENTS	SMD-0805
R24	SMD-0805 STAND. FILM RES - 1/8W - 5% - 250ppm/°C	20k	BC COMPONENTS	SMD-0805
R25	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	12k	BC COMPONENTS	SMD-0805
R26	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	300k	BC COMPONENTS	SMD-0805
R27	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	10R	BC COMPONENTS	SMD-0805
R28	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	100k	BC COMPONENTS	SMD-0805
R29	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	4k7	BC COMPONENTS	SMD-0805
R30	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	82k	BC COMPONENTS	SMD-0805
R32	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	18k	BC COMPONENTS	SMD-0805
R33	SMD-0805 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	300k	BC COMPONENTS	SMD-0805
R34	SMD-0805 STAND. FILM RES - 1/8W - 5% - 250ppm/°C	0R	BC COMPONENTS	SMD-0805
R36	SMD-1206 STAND. FILM RES - 1/4W - 5% - 200ppm/°C	0R	BC COMPONENTS	SMD-1206
R37	SMD-0805 STAND. FILM RES - 1/8W - 5% - 250ppm/°C	330R	BC COMPONENTS	SMD-0805
R38	SMD-0805 STAND. FILM RES - 1/8W - 5% - 250ppm/°C	1k5	BC COMPONENTS	SMD-0805
R39	SMD-0603 STAND. FILM RES - 1/8W - 1% - 100ppm/°C	100k	BC COMPONENTS	SMD-0603
R41	SMD-0603 STAND. FILM RES - 1/8W - 5% - 250ppm/°C	1M0	BC COMPONENTS	SMD-0603
T1	FLYBACK TRANSFORMER EFD25-700uH	MAG-1318.0018	AQ MAGNETICA	DWG
U1	OFF-LINE CC MODE PRIMARY-SENSING SWITCHING CONTROLLER	STCH03L	STMICROELECTRONICS	SO8
U2	HR OPTOCOUPLER 400 MIL (OPT 6)	SFH617-A2	VISHAY	DIP4-400MIL
U3	PRECISION RAIL-TO-RAIL COMPARATOR	LT1716	LINEAR TECH.	SOT-23-5
U4	0.5% LOW-VOLTAGE ADJUSTABLE PRECISION SHUNT REGULATOR	TLVH431	STMICROELECTRONICS	SOT23-3L
U5	0.5% LOW-VOLTAGE ADJUSTABLE PRECISION SHUNT REGULATOR	TLVH431	STMICROELECTRONICS	SOT23-3L
U6	ADAPTIVE SYNCH RECTIFICATION FLYBACK CONTROLLER	SRK1000B	STMICROELECTRONICS	SOT23-6L