

Designation	Qty	Description
C17	1	100uF 6.3V X7U ceramic capacitor (1210) GRM32EE70J107ME15L
C12	1	330pF 50V NP0 ceramic capacitor (0402) GRM1555C1H331FA01J
C9	1	4700pF 50V X7R ceramic capacitor (0402) GRM155R71H472KA01D
C18	1	220uF 20% 6.3V polymer capacitor (SMT Case B6) 6SVPE220MW
C14	1	1000pF 1.5kV X7R ceramic capacitor (1206) 1206SC102KAT2A
C10	1	0.033uF 50V X7R ceramic capacitor (0402) GRM155R71H333KE14D
C8	1	0.022uF 100V X7R ceramic capacitor (0603) HMK107B7223KA-T
C2, C3	2	10uF 50V X7R ceramic capacitor (1210) GRM32ER71H106KA12L
C7, C15, C16	3	2.2uF 50V X7R ceramic capacitor (0805) CGA4J3X7R1H225K125AB
C6	1	1uF 50V X7R ceramic capacitor (0603) UMK107AB7105KA-T
C1	1	47uF 20% 50V aluminum capacitor (SMD) EEE-FK1H470P
R17	1	10 ohm 5% 1/5W resistor (0402) CRCW040210R0JNEDHP
R19	1	100k ohm 1% 1/5W resistor (0402) ERJ-PA2F1003X
R16	1	0.03 ohm 1% 1W resistor (1206) ERJ-8CWFR030V
R18	1	2.43k ohm 1% 1/10W resistor (0402) ERJ-2RKF2431X
R13	1	2.2 ohm 5% 1/5W resistor (0402) CRCW04022R20JNEDHP
R11	1	54.9k ohm 1% 1/5W resistor (0402) CRCW040254K9FKEDHP
R12	1	9.09k ohm 1% 1/10W resistor (0402) ERJ-2RKF9091X
R9	1	11.5k ohm ----- resistor (1206) TNPW120611K5BE
R8	1	75k ohm 5% 1/10W resistor (0402) ERJ-2GEJ753X
R5	1	232k ohm 1% 1/5W resistor (0402) CRCW0402232KFKEDHP
R4, R23	2	0.0 ohm 1/5W jumper resistor (0402) CRCW04020000Z0EDHP
R2	1	280k ohm 1% 1/5W resistor (0402) CRCW0402280KFKEDHP
R3	1	11.8k ohm 1% 1/10W resistor (0402) ERJ-2RKF1182X
R1, R6	2	10k ohm 5% 1/16W resistor (0402) RC1005J103CS
R21	1	49.9 ohm 0.1% 3/8W resistor (0603) PHP00603E49R9BST1

R10	1	140k ohm 1% 1/10W resistor (0402) ERJ-2RKF1403X
PTC1	1	470 ohm 1% thermistor PTC (0603) TFPT0603L4700FV
GND, VIN, VOUT, GND	4	CONN HEADER .156" 1POS SNGL TIN FWJ-01-01-T-S
T1	1	4.5:1 Transformer See ordering information for vendor info.
Q2	1	MOSFET N-CH 40V 30A PPAK (SO-8) SIR426DP-T1-GE3
Q1	1	MOSFET N-CH 150V 9.3A (8-PQFN) FDMS86200DC
D3	1	DIODE ZENER 5.6V 1W (SMA) SMAZ5V6-13-F
D2	1	DIODE GEN PURP 100V 300MA (SOD123) 1N4148W-7-F
D1	1	DIODE SCHOTTKY 100V (POWERDI123) DFLS2100Q-7
U1	1	No-Opto Isolated Flyback Controller (16 TQFN) Maxim MAX17690ATE+
U2	1	Secondary Side Synchronous MOSFET Driver (Thin SOT23-6) Maxim MAX17606AZT+
C19	0	Not Installed, capacitor (0402)
C20	0	Not Installed, capacitor (1210)
R7	0	Not Installed, resistor (0402)
PCB	1	PC board: MAXREFDES119# 24VIN 5VOUT 9W Flyback Converter
Pack-out	1	BOX, small brown 9 3/16" x 7" x 1 1/4"
Pack-out	1	Label
Pack-out	1	BAG, STATIC SHIELD ZIP 4"x6", W/ ESD LOGO
Pack-out	1	FOAM, ANTI-STATIC PE 12"x12"X5MM