

Part Number	Description	Manufacturer	Manufacturer Part Number	Component Designators	Component Count
C-X7R-100nF-16V-10%-0603	Capacitor Ceramic X7R 100nF 16V 10% 0603	Generic	X7R-100nF-16V-10%-0603	C1, C3, C5	3
C-X5R-10uF-50V-10%-1210	Capacitor Ceramic X5R 10uF 50V 10% 1210	Generic	X5R-10uF-50V-10%-1210	C2, C4	2
D-Fairchild-SS14	Schottky Diode 40V 1A	Fairchild	SS14	D5	1
IC-DiodesInc-PAM2841SR	Diodes Inc, PAM2841SR, DC/DC step-up LED driver	Diodes Inc.	PAM2841SR	IC4	1
L-Bourns-SRN5040-220M	Inductor shielded 22uH 1.6A	Bourns	SRN5040-220M	L4	1
R-0R-63mW-1%-0603	Resistor 0 ohm 63mW 1% 0603	Generic	0R-63mW-1%-0603	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R41	30
R-100KR-63mW-5%-0603	Resistor 100 Kohm 63mW 5% 0603	Generic	100KR-63mW-5%-0603	R30	1
R-0R-63mW-1%-1206	Resistor 0 ohm 63mW 1%1206 Jumper	Generic	0R-63mW-1%-1206	R34	1
R-910KR-63mW-1%-0603	Resistor 910 Kohm 63mW 1% 0603	Generic	910KR-63mW-1%-0603	R38	1
R-45.3KR-63mW-1%-0603	Resistor 45.3 Kohm 63mW 1% 0603	Generic	45.3KR-63mW-1%-0603	R39	1
R-1R-63mW-1%-0603	Resistor 1 ohm 63mW 1% 0603	Generic	1R-63mW-1%-0603	R42	1
CON-Omron-XF2M-4015-1A-40-0.5mm	RGB Connector	Omron	XF2M-4015-1A	X1, X2	2
Not Assembled		Generic	No Physical Component	TP1, TP2, T1, T2, R31, R33, R35, R36, R37, R40, C6	11