

REFLED003-EVK-002 Parts List



Parts	Type	Value	Parts Number	Manufacturer	Package Size	Qty
U1	IC for LED Driver	-	BD82A26MUF-M	ROHM	VQFN32FBV050	1
M1	MOSFET P-Ch, Surface Mount	-60V/-14A	RD3L140SPFRA	ROHM	TO-252	1
M2	MOSFET N-Ch, Surface Mount	60V/40A	RD3L04BBK	ROHM	TO-252	1
D1, D2	Diode Schottky Barrier, Surface Mount	60V/5A	RB088LAM-60TF	ROHM	PMDTM	1
RCSH	Chip Resistor, Surface Mount	39mΩ	LTR18 series	ROHM	1632	1
RCSL	Chip Resistor, Surface Mount	68mΩ	LTR18 series	ROHM	1632	1
RG	Chip Resistor, Surface Mount	10Ω	MCR01	ROHM	1005	1
RPC	Chip Resistor, Surface Mount	51Ω	MCR01	ROHM	1005	1
ROVP1	Chip Resistor, Surface Mount	10kΩ	MCR01	ROHM	1005	1
RRT, RISET	Chip Resistor, Surface Mount	33kΩ	MCR01	ROHM	1005	2
REN2, RFAIL1, RFAIL2, RPLS1, RPLS2	Chip Resistor, Surface Mount	100kΩ	MCR01	ROHM	1005	5
ROVP2	Chip Resistor, Surface Mount	360kΩ	MCR01	ROHM	1005	1
RDIMSEL1, RCS	-	Short	-	-	-	-
REN1, RDIMSEL2, RLED1, RLED2, RLED3, RLED4, RLED5, RLED6, RSNB1, RSNB2	-	Open	-	-	-	-
L1	Inductor, Surface Mount	4.7μH	CLF7045NIT-4R7N-D	TDK	W7.0 x H4.5 x L7.4	1
L2	Inductor, Surface Mount	10μH	CLF10060NIT-100M-D	TDK	W10.0 x H6.0 x L10.1	1

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CLED1D, CLED2D, CLED3D, CLED4D, CLED5D, CLED6D	MLCC, Surface Mount	470pF	GCM1555C1H471JA16	Murata	1005	6
COUT1	MLCC, Surface Mount	0.01μF	GCM155R71H103KA55	Murata	1005	1
COUT2, CB1, CIN2	MLCC, Surface Mount	0.1μF	GCM155R71H104KE02	Murata	1005	3
CREG251	MLCC, Surface Mount	0.22μF	GCM155R71C224KE02	Murata	1005	1
CVCC3	MLCC, Surface Mount	1μF	GCM21BR71H105KA03	Murata	2012	1
CPC1	MLCC, Surface Mount	1μF	GCM188R71C105KA49	Murata	1608	1
CP2, CREG501	MLCC, Surface Mount	2.2μF	GCM188C71A225KE01	Murata	1608	2
CB2, CIN1, COUT3, COUT4, CP1	MLCC, Surface Mount	10μF	GCM32EC71H106KA03	Murata	3225	5
COUT5	Conductive Polymer Hybrid Aluminum Electrolytic Capacitor	68μF	GYA1H680MC	Nichicon	Φ8 x 10	1
CVCC2	Aluminum Electrolytic Capacitor	220μF	UCD1H221MNL1GS	Nichicon	Φ10 x 10	1
CCS, COUT6, COVP, CPC2, CREG252, CREG502, CSNB1, CSNB2, CVCC1	-	Open	-	-	-	-
FB1, FB2, FB3, FB4, FB5, FB6	-	Open	-	-	-	-
CM1	-	Open	-	-	-	-

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