REFLED002-EVK-001 Parts List

Parts	Type	Value	Parts Number	Manufacturer	Package Size	Qty
CCOMP1, CVCC	MLCC, Surface Mount	1µF	GCM21BR71H105KA03	Murata	2012	2
CREG	MLCC, Surface Mount	2.2µF	GCM188R70J225KE21	Murata	1608	1
CIN3,COUT1	MLCC, Surface Mount	0.01µF	GCM1885C1H103GA16	Murata	1608	2
CIN5,COUT2,COUT5	MLCC, Surface Mount	0.1µF	GCM155R71H104KE02	Murata	1005	3
CIN2,CIN6, COUT3	MLCC, Surface Mount	10µF	GCM32EC71H106KA03	Murata	3225	3
CIN4	Capacitor Electrolytic, Surface Mount	220µF	UCD1H221MNL1GS	Nichicon	φ10 x 10	1
COUT4	Capacitor Electrolytic, Surface Mount	33µF	GYA1H330MCQ1GS	Nichicon	φ6.3 x 7.7	1
COVP, CPLSET1	MLCC, Surface Mount	1000pF	GCM1887U1H102JA01	Murata	1608	2
CLED1, CLED2, CLED3, CLED4	MLCC, Surface Mount	470pF	GCM1885C1H471JA16	Murata	1608	4
CSNB1, CSNB2,CLDSW, CCS,CIN1,CPLSET2,CCOMP2	-	Open	-	-	-	-
D1	Diode Schottky Barrier, Surface Mount	60V/5A	RB088LAM-60TF	ROHM	2.5 x 4.7	1
D2	Diode Schottky Barrier, Surface Mount	60V/1A	RBR1MM60ATF	ROHM	1.6 x 3.5	1
L1	Inductor, Surface Mount	22µH	SPM7054VT-220M-D	TDK	7.5 x 7.0	1
L2	Inductor, Surface Mount	3.3µH	CLF7045NIT-4R7N-D	TDK	7.4 x 7.0	1
M1	MOSFET P-Ch, Surface Mount	-60V/-36A	SQJ457EP	Vishay	PowerPAK-SO-8-4	1
RFAIL	Chip Resistor, Surface Mount	100k	MCR03 series	ROHM	1608	1
RCOMP1	Chip Resistor, Surface Mount	200	MCR03 series	ROHM	1608	1
RCS1	Resistor, Surface Mount	18mΩ	LTR18 series	ROHM	1608	1
RCS2	Chip Resistor, Surface Mount	100Ω	MCR03 series	ROHM	1608	1
RENH,	Chip Resistor, Surface Mount	120k	MCR03 series	ROHM	1608	1
RENL	Chip Resistor, Surface Mount	39k	MCR03 series	ROHM	1608	1

Parts	Type	Value	Parts Number	Manufacturer	Package Size	Qty
RISET1, RRT2	Chip Resistor, Surface Mount	12k	MCR03 series	ROHM	1608	2
ROVP1	Chip Resistor, Surface Mount	20k	MCR03 series	ROHM	1608	1
ROVP2	Chip Resistor, Surface Mount	620k	MCR03 series	ROHM	1608	1
RRT1	Chip Resistor, Surface Mount	13k	MCR03 series	ROHM	1608	1
RSNB1, RSNB2	Chip Resistor, Surface Mount	Open	MCR25 series	ROHM	2012	-
RADIM1, RISET2, ROVP3, REN, RPWM, RPWMREG	-	Short	-	-	-	-
RADIM, RLED1, RLED2, RLED3, RLED4 , RSYNC, RSYNCU,RSYNCD	-	Open	-	-	-	-
JP1, JP2, JP3, JPSNB	-	Open	-	-	-	-
CM	-	Open	-	-	-	1
TP1, TP2, TP3, TP4, TP5, TP11, TP12, TP16, TP17	TEST PIN	-	-	-	-	9
TP14, TP15	Test Pin	-	-	-	-	2
CN1	2x5 Header Connector,pitch 2.54, Through Hole	-	-	-	-	1
U1	IC for LED Driver	-	BD83A04EFV-M	ROHM	HTSSOP-B24	1

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