

# REFLED010-EVK-002 Parts list



No	Package	Parameters	Part name(series)	Type	Manufacturer
CIN1	-	Open	-	-	-
CIN2	3225	10 $\mu$ F, X7S, 50V	GCM32EC71H106KA	Ceramic	Murata
CINP1	3225	4.7 $\mu$ F, X7R, 50V	GCM32ER71H475KA	Ceramic	Murata
CINP2	3225	4.7 $\mu$ F, X7R, 50V	GCM32ER71H475KA	Ceramic	Murata
CINP3	-	Open	-	-	-
CVIN	1005	0.1 $\mu$ F, X7R, 50V	GCM155R71H104KE	Ceramic	Murata
CCOMP	2012	1 $\mu$ F, R, 25V	GCM21BR11E105KA	Ceramic	Murata
CVDRV5	2012	2.2 $\mu$ F, X7R, 25V	GCM21BR71E225KA	Ceramic	Murata
C1	1005	0.01 $\mu$ F, X7R, 50V	GCM155R71H103KA	Ceramic	Murata
C2	1005	0.01 $\mu$ F, X7R, 50V	GCM155R71H103KA	Ceramic	Murata
C3	1005	0.01 $\mu$ F, X7R, 50V	GCM155R71H103KA	Ceramic	Murata
C4	-	Open	-	-	-
C5	1005	0.01 $\mu$ F, X7R, 50V	GCM155R71H103KA	Ceramic	Murata
C6	-	Open	-	-	-
C7	-	Open	-	-	-
C8	1005	1000pF, X7R, 100V	GCM155R72A102KA	Ceramic	Murata
C9	1608	0.01 $\mu$ F, X7R, 100V	GCM188R72A103KA	Ceramic	Murata
C10	1608	0.01 $\mu$ F, X7R, 100V	GCM188R72A103KA	Ceramic	Murata
CO1	1608	0.01 $\mu$ F, X7R, 100V	GCJ188R72A104KA	Ceramic	Murata
CO2	3225	4.7 $\mu$ F, X7S, 100V	GCM32DC72A475KE	Ceramic	Murata
CO3	3225	4.7 $\mu$ F, X7S, 100V	GCM32DC72A475KE	Ceramic	Murata
CO4	3225	4.7 $\mu$ F, X7S, 100V	GCM32DC72A475KE	Ceramic	Murata
CO5	3225	4.7 $\mu$ F, X7S, 100V	GCM32DC72A475KE	Ceramic	Murata
L1	W8.5xL8.0xH5.0mm	10 $\mu$ H	ETQP5M100YFK	Inductor	Panasonic
L-FIL1	W6.0xL6.0xH4.5mm	2.2 $\mu$ H	CLF6045NIT-2R2N-D	Inductor	TDK
U1	W6.5xL6.4xH1.0mm	-	BD18353EFV-M	IC	ROHM
REN1	1005	51k $\Omega$	MCR01 Series	Resistor	ROHM
REN2	1005	10k $\Omega$	MCR01 Series	Resistor	ROHM
RDIM1	-	Open	-	-	-
RDIM2	-	Open	-	-	-
RCOMP	1005	33k $\Omega$	MCR01 Series	Resistor	ROHM
RRT	1005	24k $\Omega$	MCR01 Series	Resistor	ROHM
RDSET1	1005	39k $\Omega$	MCR01 Series	Resistor	ROHM
RDSET2	1005	10k $\Omega$	MCR01 Series	Resistor	ROHM
RSNS	1632	0.16 $\Omega$ , 1W	LTR18 Series	Resistor	ROHM
ROPUD1	-	Open	-	-	-
ROPUD2	1005	10k $\Omega$	MCR01 Series	Resistor	ROHM

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ROPUD3	1005	560k $\Omega$	MCR01 Series	Resistor	ROHM
RCS	1632	0.024 $\Omega$ , 1W	LTR18 series	Resistor	ROHM
RCSSLP	1005	2.4k $\Omega$	MCR01 Series	Resistor	ROHM
R1	1005	47k $\Omega$	MCR01 Series	Resistor	ROHM
R2	1005	47k $\Omega$	MCR01 Series	Resistor	ROHM
R3	1005	10k $\Omega$	MCR01 Series	Resistor	ROHM
R4	1005	47k $\Omega$	MCR01 Series	Resistor	ROHM
R5	1005	47k $\Omega$	MCR01 Series	Resistor	ROHM
R6	-	Short	-	-	-
R7	-	Short	-	-	-
R8	-	Short	-	-	-
R9	1005	10k $\Omega$	MCR01 Series	Resistor	ROHM
MN1	TO-252	100V, 56A	RD3P06BBKFRA	MOSFET	ROHM
MP1	DFN2020WF-L7	-60V, -12A	RF9L120BJFRA	MOSFET	ROHM
D1	TO-277	100V, 8A	RB048RSM10S	Diode	ROHM
Q1	SOT-23	-60V, -0.6A	SSTA56HZG	Bipolar	ROHM
Q2	-	Open	-	-	-

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