

# BILL OF MATERIALS

PRODUCT CODE: EVAL-L9942  
 PRODUCT NAME: EVAL-L9942

Description	Value	Tolerance	Rating	Specificat	Package	Manufacturer	Part Number	Cross Reference	Order Code	UM	Qty	Designator	Notes
SMD RESISTOR	0 Ohm				0805					NR	1	R9	
SMD RESISTOR	470 Ohm	5%			0805					NR	1	R14	
SMD RESISTOR	1K Ohm	5%			0805					NR	8	R1, R2, R3, R4, R5, R6, R7, R15	
SMD RESISTOR	6,8K Ohm	5%			0805					NR	1	R8	
SMD CERAMIC CAPACITOR	1nF/50V	10%	50V	X7R	0805					NR	1	C9	
SMD CERAMIC CAPACITOR	2,2nF/50V	10%	50V	X7R	0805					NR	4	C10, C11, C12, C13	
SMD CERAMIC CAPACITOR	100nF/50V	10%	50V	X7R	0805					NR	7	C2, C3, C4, C5, C6, C7, C8	
SMD ELECTROLYTIC CAPACITOR	100uF/50V		50V	X7R	1010	VISHAY BC COMPONENTS	222215097101		1838778	NR	1	C1	
TVS DIODE - 27V, 5KW	BZW50-27B		27V / 5KW		R6	ST MICROELECTRONICS	BZW50-27B	BZW50-33B	1689195	NR	1	D2	
SMD DIODE FAST RECOVERY - 200V, 4A	STTH4R02U		200V / 4A		SMB	ST MICROELECTRONICS	STTH4R02U		511-STTH4R02U	NR	1	D1	
SMD DIODE LED - RED				RED	0805 LED					NR	1	D4	
SMD DIODE LED - GREEN				GREEN	0805 LED					NR	2	D3	
L9942	L9942				POWERS024	ST MICROELECTRONICS	L9942			NR	1	U1	
SMD TEST POINT	S1751-46R				S1751-46R	HARWIN	S1751-46R			NR	13	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13	
TEST POINT					TEST POINT					NR	1	TP14	
HEADER 3X1	p. 2,54mm		3 POLES	MALE	SIP3					NR	1	J5	
CONNECTOR CART 2 POLES	p. 5,08mm		2 POLES		CON2					NR	3	J1, J2, J3	
HEADER 18X4 - MALE/FEMALE	p. 2,54mm		72 POLES	MALE / FEMALE	HEADER 18X4	SAMTEC	ESQ-118-14-G-D		1769197	NR	2	J4_1, J4_2	It is composed by 2 header 18X2 M/F SAMTEC.

## INFORMATION ABOUT MECHANICAL PARTS

CONFIGURATION JUMPER				FEMALE						NR	1		
										NR			

Legend:  
 FN=Farnell, RS=RS Components, MO=Mouser, DK=Digikey, AR=Arrow, AX=AvNet Express, NW=Newark, OL=ON Line componets