

# BILL OF MATERIALS

PRODUCT EVAL-L9958	Rev	0	Date	September 2014
PRODUCT NAME: EVAL-L9958				

Description	Value	Tolerance	Rating	Specificat	Package	Manufacturer	Part Number	Cross Reference	Distributor	Order Code	UM	Qty	Designator	Notes
SMD RESISTOR	0 Ohm				0805						NR	1	R14	
SMD RESISTOR	10 Ohm / 1W	5%	1W		2512						NR	1	R15	
SMD RESISTOR	1K Ohm	5%			0805						NR	11	R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R16	
SMD RESISTOR	2,2K Ohm	5%			0805						NR	1	R17	
SMD RESISTOR	10K Ohm	5%			0805						NR	1	R3	
SMD RESISTOR	22K Ohm	5%			0805						NR	2	R1, R2	
SMD CERAMIC CAPACITOR	10nF/35V	10%	35V	X7R	0805						NR	2	C7, C8	
SMD CERAMIC CAPACITOR	100nF/35V	10%	35V	X7R	0603						NR	5	C2, C3, C4, C5, C11	
SMD CERAMIC CAPACITOR	2,2uF/35V	10%	35V	X7R	0805						NR	1	C10	
SMD CERAMIC CAPACITOR	4,7uF/35V	10%	35V	X7R	1206						NR	1	C9	
SMD CERAMIC CAPACITOR	10uF/16V	10%	16V	X7R	0805						NR	1	C6	
SMD ELECTROLITIC CAPACITOR (ALUMINIUM)	10uF/50V	20%	50V		CAP 6.3X5.4 - SMD	KEMET	EDK106M050A9GAA		FN	2068686	NR	1	C1	
TVS DIODE - 27V, 5KW	BZW50-27B		27V / 5KW		R6	ST MICROELECTRONICS	BZW50-27B		FN	1689195	NR	1	D4	
SMD DIODE FAST RECOVERY 200V, 4A	STTH4R02U		200V / 4A		SMB	ST MICROELECTRONICS	STTH4R02U		MO	511-STTH4R02U	NR	1	D3	
SMD DIODE LED - RED				RED	0805 LED						NR	2	D2, D6	
SMD DIODE LED - GREEN				GREEN	0805 LED						NR	2	D1, D5	
LINEAR VOLTAGE REGULATOR +5V, 1,5A	L7805ACD2T-TR		5V / 1,5A		DPAK	ST MICROELECTRONICS	L7805ACD2T-TR		FN	1467759	NR	1	U2	
L9958	L9958				POWERSO-20	ST MICROELECTRONICS	L9958				NR	1	U1	
SMD TEST POINT	S1751-46R				S1751-46R	HARWIN	S1751-46R				NR	9	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9	
HEADER 18X4 - MALE/FEMALE	p. 2,54mm		72 POLES	MALE / FEMALE	HEADER 18X4	SAMTEC	ESQ-118-14-G-D		FN	1769197	NR	2	J8	
HEADER 2X1	p. 2,54mm		2 POLES	MALE	SIP2						NR	2	J4, J6	
HEADER 3X1	p. 2,54mm		3 POLES	MALE	SIP3						NR	2	J3, J7	
HEADER "T"	p. 2,54mm		4 POLES	MALE	SIP4-T						NR	1	J2	
CONNECTOR CART 2 POLES	p. 5,08mm		2 POLES		CON2						NR	2	J1, J5	
											NR			

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