



LISTA COMPONENTI-BILL OF MATERIALS

PRODUCT CODE: UM2091								Rev	0								
PRODUCT NAME: EVAL-L9301								Date	02.02.2015								
STMICROELECTRONICS								Quantity									
Description	Value	Tolerance	Rating	Specificat	R.F.P.	Ord	Arr	Package	Manufacturer	Part Number	Cross Reference	Distributor	Order Code	UM	Qty	Designator	Notes
PRINTED CIRCUIT BOARD	ASD637A_R1				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		ASD	ASD637A_R1				NR	1		
SMD RESISTOR	10 Ohm	5%	1 W		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2512 (6432)	TE CONNECTIVITY / CGS	352010RJT		FN	1265166	NR	1	R13	
SMD RESISTOR	1K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603						NR	13	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R14	
SMD CERAMIC CAPACITOR	10nF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603						NR	1	C4	
SMD CERAMIC CAPACITOR	100nF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603						NR	5	C3, C26, C28, C29, C30	
SMD CERAMIC CAPACITOR	1uF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1206						NR	2	C1, C6	
SMD CERAMIC CAPACITOR	2,2uF/16V	10%	16V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603						NR	1	C27	
SMD CERAMIC CAPACITOR	4,7uF/35V	10%	35V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1206						NR	1	C25	
SMD CERAMIC CAPACITOR	10uF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1210						NR	17	C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24	
SMD ELECTROLYTIC CAPACITOR (ALUMINIUM)	10uF/50V	20%	50V		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CAP. 6.3X5.4 - SMD	KEMET	EDK106M050A9GAA		FN	2068686	NR	1	C7	
SMD ELECTROLYTIC CAPACITOR (ALUMINIUM)	100uF/50V	20%	50V		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1010	VISHAY BC COMPONENTS	222215097101		FN	1838778RL	NR	2	C2, C5	
SMD INDUCTOR	3,3uH/2A	20%	2A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SDE6603-3R3M	BOURNS	SDE6603-3R3M		FN	1828169RL	NR	1	L1	
SMD DIODE - 1A/1000V	GS1M		1A/1000V		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SMA						NR	1	D3	
SMD DIODE TVS	SMAJ40A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SMA	MULTICOMP	SMAJ40A		FN	1578988RL	NR	1	D2	
SMD DIODE SCHOTTKY - 3A/40V	STPS3L40S		3A/40V		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SMC	ST MICROELECTRONICS	STPS3L40S		MO	511-STPS3L40S	NR	1	D1	
DEVICE L9301	L9301				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PowerSSO-36	ST MICROELECTRONICS	L9301				NR	1	U1	PROVIDED BY CUSTOMER
SMD V REGULATOR - 5V	MC7805CDTG				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DPAK	ON SEMICONDUCTOR	MC7805CDTG		FN	2296028	NR	1	U2	
SMD TACT SWITCH	MC32882				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MC32882	MULTICOMP	MC32882		FN	2396053	NR	1	P1	
GOUTTE CONTACT / JUMPER A SALDARE					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JUMP A SALDARE						NR	3	J5, J8, J68	
HEADER 2X1	p. 2,54mm		2 POLES	MALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIP2						NR	43	J2, J6, J7, J18, J19, J20, J21, J22, J23, J24, J25, J30, J31, J32, J33, J34, J35, J36, J37, J38, J39, J40, J41, J42, J43, J44, J45, J46, J47, J48, J49, J50, J51, J52, J53, J54, J55, J56, J57, J62, J63, J64, J65	
HEADER 3X1	p. 2,54mm		3 POLES	MALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIP3						NR	2	J3, J4	
HEATER 4 - "T"	p. 2,54mm		4 POLES	MALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIP4-T						NR	1	J67	
HEATER 36X4	p. 2,54mm		144 POLES	MALE/FEMALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IDC36X4	SAMTEC	ESQ-136-14-G-D				NR	2	J1_1, J1_2	THIS CONNECTOR IS COMPOSED TO 2 HEADER36X2

CONNECTOR CART 2 POLES (p. 5,08mm)	p. 5,08mm		2 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CON2						NR	17	J10, J11, J12, J13, J14, J15, J16, J17, J26, J27, J28, J29, J58, J59, J60, J61, J66	
CONNECTOR CART 2 POLES (p. 7,62mm)	p. 7,62mm		2 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GMKDS 3/2-7.62						NR	1	J9	
SMD TEST POINT	S1751-46R				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S1751-46R	HARWIN	S1751-46R		FN	2293786	NR	35	TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP74	
TEST POINT					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TEST POINT						NR	7	TP1, TP36, TP37, TP38, TP39, TP40, TP41	
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							NR			
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							NR			

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