

PRODUCT CODE: EVAL-L9779WD-SPI
PRODUCT NAME: L9779 EVALUATION BOARD
CUSTOMER: ST MICROELECTRONICS

Description	Value	Tolerance	Rating	Specificat	R.F.P.	Ord	Arr	Package	Manufacturer	Part Number	Cross Reference	UM	Qty	Designator
SMD RESISTOR	60,4 Ohm	1%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603	VISHAY DRALORIC	CRCW060360R4FKEA		NR	2	R10, R12
SMD RESISTOR	120 Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	1	R31
SMD RESISTOR	220 Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	1	R47
SMD RESISTOR	1K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	23	R1, R13, R14, R15, R16, R17, R18, R20, R21, R22, R23, R24
SMD RESISTOR	1K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0805				NR	1	R9
SMD RESISTOR	3,3K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	1	R11
SMD RESISTOR	4,7K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	4	R3, R4, R5, R6
SMD RESISTOR	10K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	5	R2, R8, R19, R25, R30
SMD RESISTOR	24,9K Ohm	1%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603	VISHAY DRALORIC	CRCW060324K9FKEA		NR	1	R7
SMD RESISTOR	27K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0805				NR	2	R24, R26
SMD RESISTOR	33K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	4	R23, R27, R28, R29
SMD RESISTOR	100K Ohm	5%			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	1	R45
SMD CERAMIC CAPACITOR	100pF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	2	C42, C48
SMD CERAMIC CAPACITOR	220pF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	1	C18
SMD CERAMIC CAPACITOR	470pF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	6	C40, C41, C43, C44, C46, C47
SMD CERAMIC CAPACITOR	1nF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0805				NR	3	C17, C19, C45
SMD CERAMIC CAPACITOR	1,5nF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603	YAGEO (PHYCOMP)	CC0603KRX7R9BB152		NR	4	C9, C10, C11, C12
SMD CERAMIC CAPACITOR	4,7nF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	20	C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31
SMD CERAMIC CAPACITOR	4,7nF/100V	10%	100V	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	3	C13, C14, C16
SMD CERAMIC CAPACITOR	100nF/100V	10%	100V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0603				NR	1	C5
SMD CERAMIC CAPACITOR	1uF/50V	10%	50V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0805				NR	3	C6, C7, C8
SMD CERAMIC CAPACITOR	2,2uF/100V	10%	100V	X7R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1210	KEMET	C1210C225K1RACTU		NR	1	C3
SMD ELECTROLITIC CAPACITOR (ALUMINIUM)	10uF/50V	20%	50V		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CAP.6.3X5.4 - SMD	KEMET	EDK106M050A9GAA		NR	1	C15
SMD ELECTROLITIC CAPACITOR (ALUMINIUM)	10uF/100V	20%	100V		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CAP.8.3X6.2 - SMD	PANASONIC	EEE2AA100UP		NR	1	C1
SMD ELECTROLITIC CAPACITOR (ALUMINIUM)	100uF/100V	20%	100V		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CAP.16X16.5 - SMD	PANASONIC	EEVTG2A101M		NR	1	C2
SMD INDUCTOR	3,3uH/2A	20%	2A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SDE6603-3R3M	BOURNS	SDE6603-3R3M		NR	1	L1
SMD DIODE FAST RECOVERY - 200V, 4A	STTH4R02U		200V / 4A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SMB	ST MICROELECTRONICS	STTH4R02U		NR	1	D1
TVS DIODE - 27V, 5KW	BZW50-27B		27V / 5KW		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R6	ST MICROELECTRONICS	BZW50-27B		NR	1	D2
SMD DIODE FAST RECOVERY - 200V, 2A	STTH2R02A		200V / 2A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SMA	ST MICROELECTRONICS	STTH2R02A		NR	4	D3, D5, D7, D8
SMD DIODE RECOVERY - 50V, 1A	GF1A		50V, 1A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DO-214BA	FAIRCHILD SEMICONDUCTOR	GF1A		NR	1	D4
SMD DIODE LED - RED			RED		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0805 LED				NR	3	D6, D9, D10
IGBT, 400V, 25A	STGD18N40LZT4		400V / 25A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DPAK	ST MICROELECTRONICS	STGD18N40LZT4		NR	4	Q1, Q2, Q3, Q4
MOSFET N CHANNEL - 60V, 24A	STD20NF06LT4		60V / 24A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DPAK	ST MICROELECTRONICS	STD20NF06LT4		NR	1	Q5
NPN DUAL GENERAL PURPOSE TRANSISTORS	BC846BDW1T1G				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SOT-363	ON SEMICONDUCTOR	BC846BDW1T1G		NR	1	Q6

TEST POINT					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TEST POINT				NR	63	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23,
HEADER 3X1	p. 2,54mm		3 POLES	MALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIP3				NR	9	J1, J3, J4, J5, J6,
HEADER 2X1	p. 2,54mm		2 POLES	MALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIP2				NR	9	J2, J7, J8, J9, J16, J11, J12, J18, J24
GOUTTE CONTACT / JUMPER A SALDARE			2 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JUMP A SALDARE				NR	5	J19, J20, J21, J22, J25
CONNECTOR CART 2 POLES	p. 5,08mm		2 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CON2				NR	3	J23, JP5, JP9
CONNECTOR CART 4 POLES	p. 5,08mm		4 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CON4				NR	2	JP6, JP8
CONNECTOR CART 5 POLES	p. 5,08mm		5 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CON5				NR	2	JP7, JP10
CONNECTOR CART 8 POLES	p. 5,08mm		8 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CON8				NR	1	J24
CONNECTOR CART 3 POLES	p. 5,08mm		3 POLES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CON3				NR	1	JP2
HEADER 36X4 - MALE/FEMALE	p. 2,54mm		144 POLES	MALE / FEMALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IDC 36X4	SAMTEC	ESQ-136-14-G-D		NR	2	J17
D-SUB 9 POLES CONNECTOR 90° - MALE			9 POLES	MALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DB9M SLOT				NR	1	JP3
MINI FIT JR. RA 4 CKT	p. 4,20mm		4 POLES	MALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LIN CONN MOLEX 39-29-5043	MOLEX	39-29-5043		NR	1	JP1
SOCKET L9779WD-SPI					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OTQ-64(80)-0.65-07-00	ENPLAS	OTQ-64(80)-0.65-07-00		NR	1	U1
L9779WD-SPI					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HIQUAD-64_p.0.65mm	ST MICROELECTRONICS	L9779WD-SPI		NR	1	U2
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					NR		
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					NR		