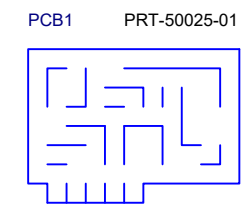


NOTES:

1. CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD).
2. LO INPUT CAN BE DIFFERENTIAL OR SINGLE ENDED (INA/INB).
3. WITH SINGLE ENDED LO INPUT, NO TERMINATION IS NEEDED ON UNUSED PORT.



UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN mm/[Inches] TOLERANCES ARE: XX = ± 2.5/[0.1] XXX = ± .25/[0.1] XXXX = ± .127/[0.005] XXXXX = ± .0127/[0.0005]		 9280 Caroll Park Drive San Diego, CA 92121	
DO NOT SCALE DRAWING		SCHEMATIC PE4151 EVK	
DRAWN R. PROAL	DATE 02-19-20	SIZE B	DWG NO. DOC-38627
ENGINEER A. LUBYASHEV	DATE 02-19-20	SCALE NONE	REV 03
		DATE Wednesday, February 19, 2020	Sheet 1 of 1

Capture CIS Standard Bill Of Materials - Compressed Report
 Report Created on Wednesday Feb 19 14:55:18 2020

Title = SCHEMATIC PE4151 EVK
 Doc = DOC-38627
 RevCode = 03

Item	Qty	Ref Des	Description	Value	Part Number	Manufacturer	Manufacturer PN	Notes
1	2	C1 C13	CAP, SMD, CER, 10pF, 50V, +/-5%, COG, NP0, 0402 (1005 Metric)	10pF	301-0115-00	Murata Electronics	GRM1555C1H100JA01D	
2	1	C2	CAP, SMD, CER, 10uF, 10V, +/-10%, X5R, 0603 (1608 Metric)	10uF	301-0514-00	Murata Electronics	GRM188R61A106KE69D	
3	2	C6 C8	CAP, SMD, CER, 51pF, 100V, 5%, COG, NP0, 0603 (1608 Metric)	51pF	301-0025-00	Murata Electronics	GRM1885C2A510JA01D	
4	8	C7 R3 R4 R15 R17 R22 R27 R32	RES, SMD, Thick Film, 0, Jumper, 1/10W, 0603 (1608 Metric)	0	302-0039-00	Panasonic Electronic	ERJ-3GEY0R00V	
5	1	C12	CAP, SMD, CER, 10uF, 16V, +/-10%, X5R, 0603 (1608 Metric)	10uF	301-0701-00	Murata Electronics	GRM188R61C106KAALJ	
6	7	J1 J3 J5-J9	CONN, Coaxial Connectors (RF), SMA, SMD, Jack, Female Socket, 50 Ohm		304-0028-00	Cinch Johnson	142-0701-801	
7	1	J10	CONN, Rect Connectors - Headers, Male Pins, Unshr Breakaway, TH, Male, 2.54mmX2.54mm, 4 POS		304-0119-00	Sullins Connector	PBC02DAAN	
8	1	J11	CONN, Rect Connectors - Headers, Male Pins, TH, Male, KK® 6373, 2 POS		304-0078-00	Molex, LLC	22-23-2021	
9	1	PCB1	PCB, PE4151 EVK			pSemi Corporation	PRT-50025-01	Legacy 101-0590-01
10	2	R1 R7	RES, SMD, Thick Film, 51, +/-5%, 1/10W, 0603 (1608 metric)	51	302-0111-00	Venkel	CRO603-10W-510JT	
11	18	R2 R5 R6 R8-R14 R16 R18-R21 R23 R25 R31	RES, SMD, Thick Film, DNI, n/a, n/a, 0603 (1608 metric)	DNI				
12	2	R26 R29	RES, SMD, Thick Film, DNI, n/a, n/a, 0201 (0603 metric)	DNI				
13	1	R30	RES, SMD, Thick Film, 0, Jumper, 1/10W, 0402 (1005 metric)	0	302-0032-00	Panasonic Electronic	ERJ-2GE0R00X	
14	4	T1-T4	XFMR, MABA-007569-ETK42T, --, --, 2MHz ~ 1000MHz, SMD		312-0101-00	Macom	MABA-007569-ETK42T	
15	1	U1	IC, PE4151, Ultra CMOS Low Frequency Passive Mixer			pSemi Corporation	PE4151	