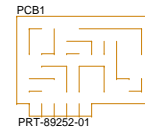


2. CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)

1. USE PRT-89252 - (See BOM for latest revision).

NOTES:



UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN mm(INCHES) TOLERANCES ARE: XX = ±0.50 (1) XX.X = ±0.25 (0.1) XX.XXX = ±0.127 (0.005) XXXX = ±0.025 (0.0005)		Semi A Murata Company 9380 Carroll Park Drive San Diego, CA 92121	
ALSIP PCB			
DO NOT SCALE DRAWING			
DESIGN	J. SAMBRANO	DATE	03/05/25
ENGINEER	D. NGUYEN	DATE	03/05/25
SIZE	B	SCALE	NONE
CASE CODE		DATE	Monday, March 10, 2025
DWG NO.	DOC-124445		REV
	01		
		Sheet 1 of 2	

pSemi Corporation
 9380 Carroll Park Drive
 San Diego, CA 92121

ALSIP PCB Revised: Monday, March 10, 2025
 DOC-124445 Revision: 01
 Bill Of Materials Page1

Item	Qty	Ref Des	Part Number	Description	Value	Manufacturer	Manufacturer PN	Dist	Dist PN	Notes	Footprint
1	1	C1	301-1168-00	CAP, SMD, CER, 22pF, 50V, +/-5%, C0G, NP0, 0402 (1005 Metric)	22pF	Murata	GCM1555C1H220JA16D	Digi-Key Electronics			CAPC1005X55N
2	1	C2	301-1166-00	CAP, SMD, CER, 100pF, 50 V, +/-5%, C0G (NP0), 0603 (1608 Metric)	100pF	Panasonic Electronic Components	ECJ-1VC1H101J	Digi-Key Electronics	PCC101ACVTR-ND		CAPC1608X90N
3	2	C3,C8	301-0708-00	CAP, SMD, CER, 1.0uF, 35V, +/-20%, X7R, 0603 (1608 Metric)	1.0uF	Murata Electronics North America	GRM188R7YA105MA12D	Digi-Key Electronics	490-10488-2-ND		CAPC1608X90N
4	2	C4,C5	301-1166-00	CAP, SMD, CER, 100pF, 50 V, +/-5%, C0G (NP0), 0603 (1608 Metric)	100pF	Panasonic Electronic Components	ECJ-1VC1H101J	Digi-Key Electronics	PCC101ACVTR-ND	DNI	CAPC1608X90N
5	1	C7	301-1141-00	CAP, SMD, CER, 100pF, 50V, +/-5%, C0G, NP0, 0402 (1005 Metric)	100pF	Murata Electronics	GRM1555C1H101JA01J				CAPC1005X55N
6	1	J2	304-0035-00	CONN, Rectangular Connectors - Headers, Male Pins, Header Unshrouded Breakaway, TH, Male, 2.54mmX2.54mm, 8 POS	PBC04DAAN	Sullins Connector Solutions	PBC04DAAN	Digi-Key Electronics	S2011E-04-ND		HDR2X4
7	1	PCB1	PRT-89252-01	MISC, DOC, PCB, ALSIP PCB	PCB	pSemi Corporation	PRT-89252-01				N/A
8	5	RFCAL1,RF1,RFCAL2,RF2,RFC	NA	CONN, Coaxial Connectors (RF), SMA, SMD, Jack, Female Socket, 50 Ohm	142-1701-871	Cinch Connectivity Solutions Johnson	142-1701-871	Digi-Key Electronics	J10422-ND		JOHNSON_142-0701-851
9	4	R1,R2,R4,R7	302-0683-00	RES, SMD, Thick Film, 0, Jumper, 1/10W, 0603 (1608 metric)	0 OHM	Stackpole Electronics Inc.	RMCF0603ZT0R00				RESC1608X55N
10	2	R3,R5	302-0135-00	RES, SMD, Thick Film, 1M, +/-5%, 1/16W, 0603 (1608 metric)	1M	Xicon	301-1.0M-RC				RESC1608X55N
11	1	U1	201-0460-00	IC, SMD, pSemi IC-INT, LGA, 2.0mm x 2.0mm	Clover 2x2 Interposer						LGA40P200X200_13L