

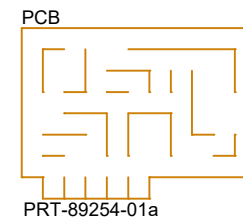
4. CAPACITANCE VALUES ARE IN MICROFARDS

3. RESISTANCE VALUES ARE IN OHMS

2. CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
 1. USE PRT-89254- (See BOM for latest revision).



NOTES:



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN mm/[Inches]
 TOLERANCES ARE:
 XX = ± 2.5/[0.1]
 XXX = ± 25/[0.1]
 XXXX = ± 127/[0.005]
 XXXXX = ± 0.127/[0.0005]

DO NOT SCALE DRAWING

DRAWN	J. Sambrano	DATE	03/20/26
ENGINEER	D. Nguyen	DATE	03/20/26

9380 Carroll Park Drive
 San Diego, CA 92121

CARY EVB

SIZE	B	CAGE CODE		DWG NO.	DOC-124451	REV	02
SCALE	NONE	DATE	Tuesday, March 31, 2026	Sheet 1 of 1			

pSemi Corporation
 9380 Carroll Park Drive
 San Diego, CA 92121

CARY EVB Revised: Tuesday, March 31, 2026
 DOC-124451 Revision: 02
 Bill Of Materials Page1

Item	Qty	Ref Des	Part Number	Description	Value	Manufacturer	Manufacturer PN	Dist	Dist PN	Notes	Footprint
1	3	C2,C3,C8	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
2	1	C4	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	C5,C10	301-0708-00	CAP, SMD, CER, 1.0uF, 35V, +/-20%, X7R, 0603 (1608 Metric)	1.0uF	Murata Electronics	GRM188R7YA105MA12D	Digi-Key Electronics	490-10488-2-ND		CAPC1608X90N
4	1	C7	301-1168-00	CAP, SMD, CER, 22pF, 50V, +/-5%, C0G, NP0, 0402 (1005 Metric)	22pF	Murata Electronics	GCM1555C1H220JA16D	Digi-Key Electronics			CAPC1005X55N
5	1	C9	301-1141-00	CAP, SMD, CER, 100pF, 50V, +/-5%, C0G, NP0, 0402 (1005 Metric)	100pF	Murata Electronics	GRM1555C1H101JA01J				CAPC1005X55N
6	1	J3	304-0040-00	CONN, Rectangular Connectors - Headers, Male Pins, Header Unshrouded Breakaway, TH, Male, 2.54mmX2.54mm, 12 POS	PBC06DAAN	Sullins Connector Solutions	PBC06DAAN	Digi-Key Electronics	S2011E-06-ND		HDR2X6
7	1	PCB	N/A	DOC, PCB, QFN 3.0 x 3.0 EVB	PCB	pSemi Corporation	PRT-89254-01a				N/A
8	7	RFCAL1,RF1,RFCAL2,RF2,RF3,RF4,RFC	304-0436-00	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_142-1701-871
9	3	R3,R5,R7	302-0683-00	RES, SMD, Thick Film, 0, Jumper, 1/10W, 0603 (1608 metric)	0 OHM	Stackpole Electronics Inc.	RMCF0603ZTOR00				RESC1608X55N
10	2	R4,R6	302-0135-00	RES, SMD, Thick Film, 1M, +/-5%, 1/16W, 0603 (1608 metric)	1M	Xicon	301-1.0M-RC				RESC1608X55N
11	1	R8	302-0032-00	RES, SMD, Thick Film, 0, Jumper, 1/10W, 0402 (1005 metric)	DNI					DNI	RESC1005X40N
12	1	R9	RES-DNI-1608	RES, SMD, Thick Film, DNI, n/a, n/a, 0603 (1608 metric)	DNI					DNI	RESC1608X55N
13	1	U1	201-0462-00	IC, SMD pSemi IC, QFN 3.0 x 3.0	PE42544	pSemi Corporation					SOL1_qfn40p340x340x75-21n