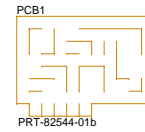


- 4. CAPACITANCE VALUES ARE IN MICROFARDS
- 3. RESISTANCE VALUES ARE IN OHMS
- 2. CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
- 1. USE PRT-82544- (See BOM for latest revision).



NOTES:



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN mm/(inches)
 TOLERANCES ARE:
 XX = ±0.25 (1)
 XXX = ±0.25 (0.1)
 XXXX = ±0.127 (0.005)
 XXXXX = ±0.0762 (0.003)

DO NOT SCALE DRAWING

DESIGN	J. Sambrano	DATE	06/24/24
ENGINEER	M. Asif	DATE	06/24/24

Semi
 A Murata Company

9380 Carroll Park Drive
 San Diego, CA 92121

CLOVER 4T 4x4, V1

REV	03
DWG NO.	DOC-110966
SCALE	NONE
DATE	Monday, June 24, 2024
SHEET	1 of 1

pSemi Corporation
 9380 Carroll Park Drive
 San Diego, CA 92121

CLOVER 4T 4x4, V1 Revised: Monday, June 24, 2024

DOC-110966 Revision: 03

Bill Of Materials Page1

Item	Qty	Ref Des	Part Number	Description	Value	Manufacturer	Manufacturer PN	Dist	Dist PN	Notes	Footprint
1	3	C1,C2,C3	301-1166-00	CAP, SMD, CER, 100pF, 50 V, +/-5%, COG (NP0), 0603 (1608 Metric)	100pF	Panasonic Electronic Components	ECJ-1VC1H101J	Digi-Key Electronics	PCC101ACVTR-ND		CAPC1608X90N
2	1	C4	301-1166-00	CAP, SMD, CER, 100pF, 50 V, +/-5%, COG (NP0), 0603 (1608 Metric)	100pF	Panasonic Electronic Components	ECJ-1VC1H101J	Digi-Key Electronics	PCC101ACVTR-ND		CAPC1608X90N
3	1	C5	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	1	C7	301-1168-00	CAP, SMD, CER, 22pF, 50V, +/-5%, COG, NP0, 0402 (1005 Metric)	22pF	Murata	GCM1555C1H220JA16D	Digi-Key Electronics			CAPC1005X55N
5	1	J1	304-0258-00	CONN, Rectangular Connectors - Headers, Male Pins, Header, Breakaway, TH, Male, 2.54mm, 2 PIN	DNI	Sullins Connector Solutions	PBC01DABN	Digi-Key Electronics	S2021E-01-ND	DNI	SULLINS_PBC01DABN
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-82544-01b	MISC, DOC, PCB, CLOVER 4T 4x4 v1	PCB	pSemi Corporation (A muRata Company)	PRT-82544-01b				N/A
8	7	RFCAL1,RF1,RFCAL2,RF2,RF3,RF4,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	3	R1,R4,R6	302-0135-00	RES, SMD, Thick Film, 1M, +/-5%, 1/16W, 0603 (1608 metric)	1M	Xicon	301-1.0M-RC				RESC1608X55N
10	4	R2,R3,R5,R7	302-0683-00	RES, SMD, Thick Film, 0, Jumper, 1/10W, 0603 (1608 metric)	0 OHM	Stackpole Electronics Inc.	RMCF0603ZTOR00				RESC1608X55N
11	1	R8	302-0032-00	RES, SMD, Thick Film, 0, Jumper, 1/10W, 0402 (1005 metric)	0 OHM	Panasonic Electronic Components	ERJ-2GE0R00X				RESC1005X40N
12	1	U1	PSEMI-INT-24L_INFO	MISC, DOC,Clover	Clover						qfn50p400x400x75-25n