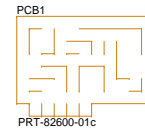


- 4. CAPACITANCE VALUES ARE IN MICROFARDS
- 3. RESISTANCE VALUES ARE IN OHMS
- 2. CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
- 1. USE PRT-82208- (See BOM for latest revision).



NOTES:



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN mm(INCHES)
 TOLERANCES ARE:
 XX = ±0.5(1)
 XXX = ±0.25(0.1)
 XXXX = ±0.127(0.005)
 XXXXX = ±0.0762(0.003)

DO NOT SCALE DRAWING

| | | | |
|----------|-------------|------|----------|
| DESIGN | J. Sambrano | DATE | 10/17/24 |
| ENGINEER | M. Asif | DATE | 10/17/24 |

Semi
 A Murata Company

9380 Carrol Park Drive
 San Diego, CA 92121

CLOVER 4T 3x3, V1

| | |
|---------|----------------------------|
| REV | 04 |
| DWG NO. | DOC-111139 |
| SCALE | NONE |
| DATE | Thursday, October 17, 2024 |
| SHEET | 1 of 1 |

pSemi Corporation
 9380 Carroll Park Drive
 San Diego, CA 92121

CLOVER 4T 3x3, V1 Revised: Thursday, October 17, 2024

DOC-111139 Revision: 04

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 | ECI-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 | ECI-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-82600-01c | MISC, DOC, PCB, CLOVER 4T 4x4 v1 | PCB | pSemi Corporation (A muRata Company) | PRT-82600-01c | | | | N/A |
| 8 | 7 | RFCAL1,RF1,RFCAL2,RF2,RF3,RF4,RFC | 304-0028-00 | CONN, Coaxial Connectors (RF), SMA, SMD, Jack, Female Socket, 50 Ohm | 142-0701-801 | Cinch Connectivity Solutions Johnson | 142-0701-801 | Digi-Key Electronics | J502-ND | | JOHNSON_142-0701-801 |
| 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 OHMS | Panasonic Electronic Components | ERJ-2GE0R00X | | | | RESC1005X40N |
| 12 | 1 | U1 | PSEMI--20L_INFO | MISC, DOC, 20L | 20L INTERPOSER/PKG | | | | | | clover_qfn40p340x340x75-21n |