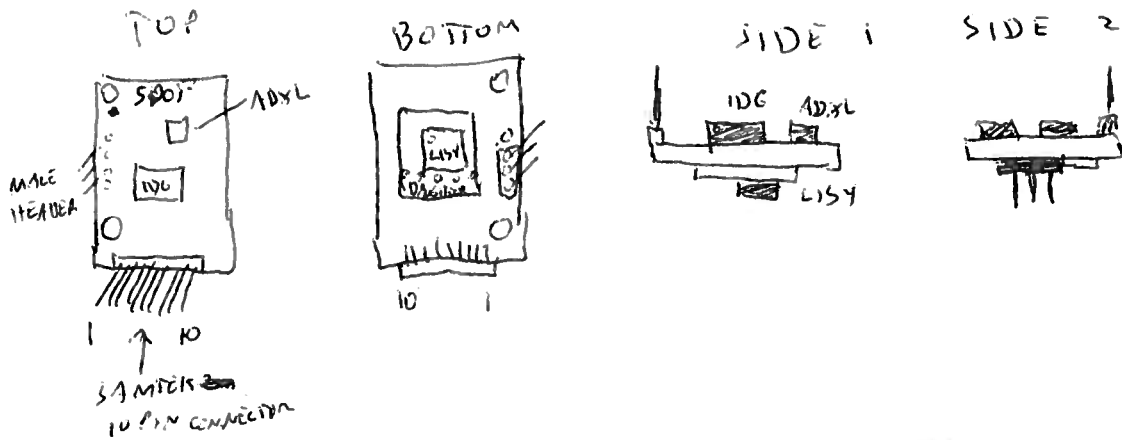


Sensor/IMU wiring Diagram

Jeff Mauer
Klenfeld Lab
10/29/2010

Glue SDOF and Ardu Daughter board back to back



Wiring Diagram

Samtek Connector

PIN	BOARD CONNECTION
1	SDOF → X-ACC
2	SDOF - Y-ACC
3	SDOF - Z-ACC
4	SDOF - Y-Rate
5	SDOF - X-Rate
6	Daughter - OUT
7	SDOF - VREF
8	NOT CONNECTED -
9	SDOF + DAUGHTER - 3.3V
10	SDOF + DAUGHTER - GND

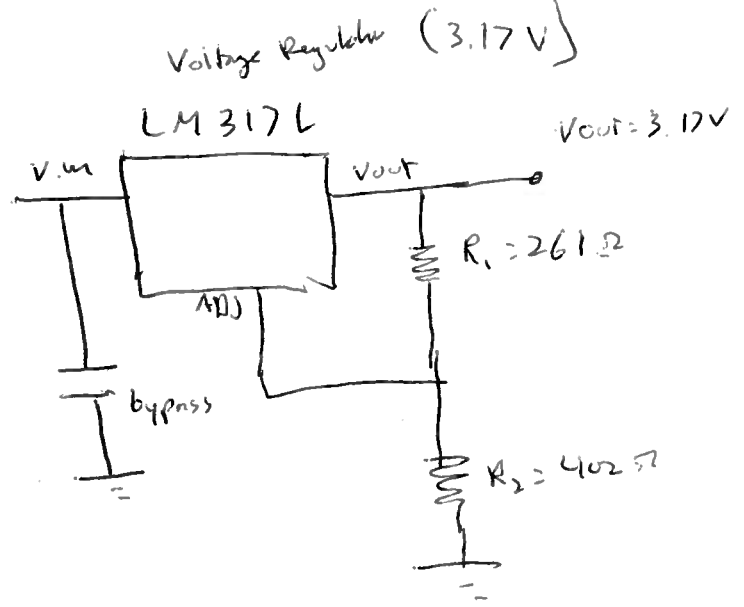
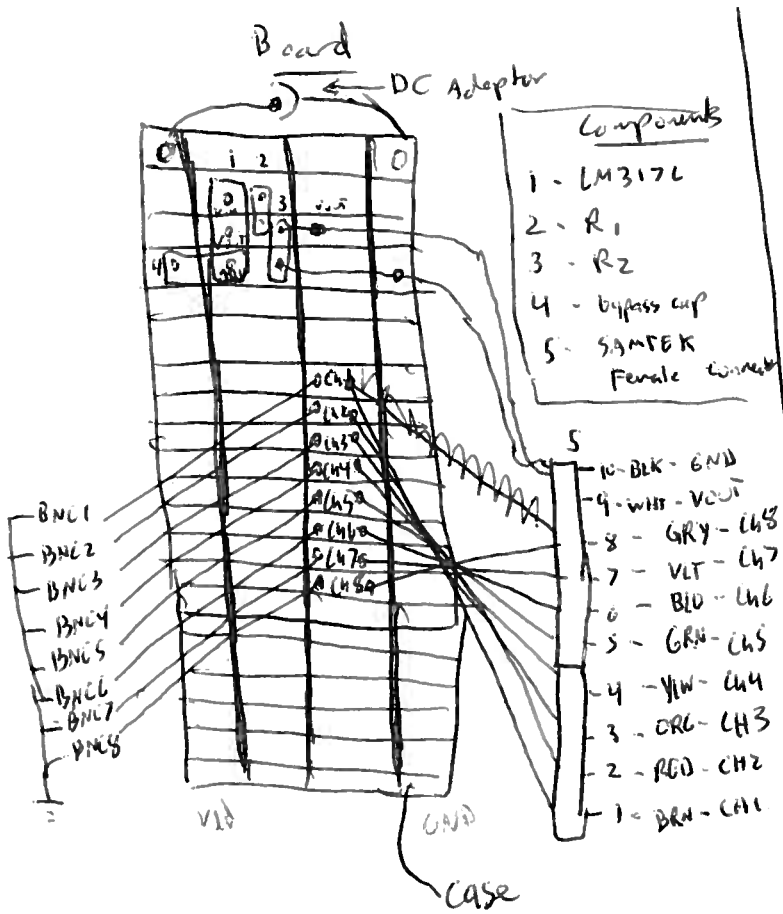
Header Connector

Connections, not used, for mounting only

PIN	BOARD CONNECTION
1	SDOF - Y4.5
2	SDOF - PTAT
3	SDOF - AZ

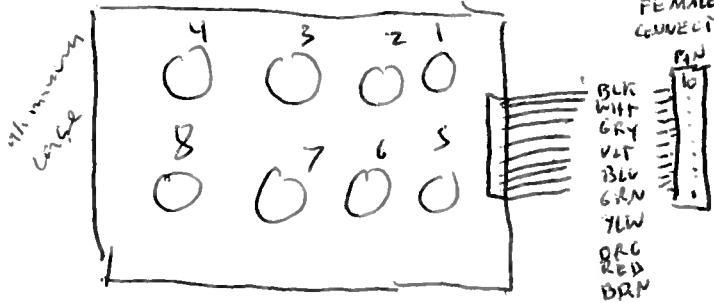
Sensor / IMU Control Box

Jeff Moon
Klemtek Lab
11/16/2010

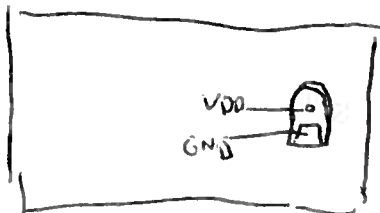


Box

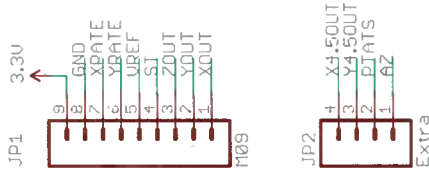
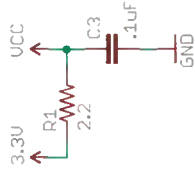
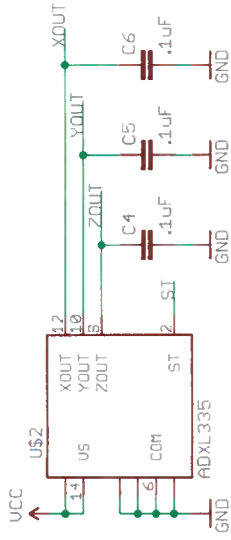
FRONT PANEL



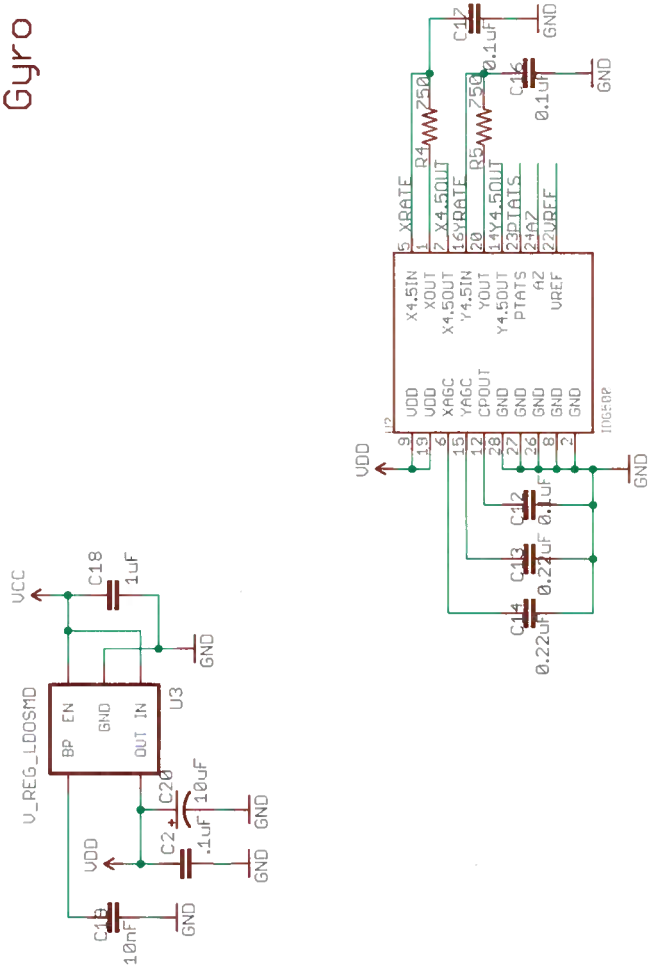
TOP PANEL



Accelerometer



Gyro



SFE

⊗ ⊗

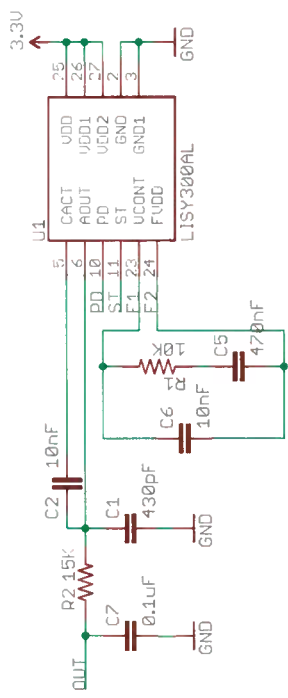
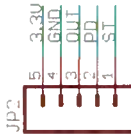
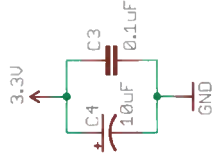
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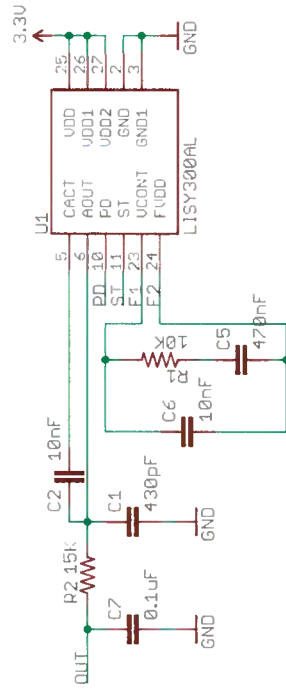
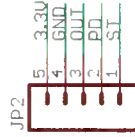
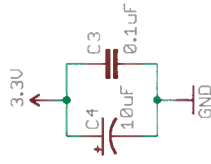


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 Design by: J. Muñoz and N. Seidle

TITLE: SensorBoard-Daughter-v10 SFE

Document Number: REU:

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 Design by: J. Mundoz and N. Seidle

TITLE: SensorBoard-Daughter-v10

SFE

Document Number:

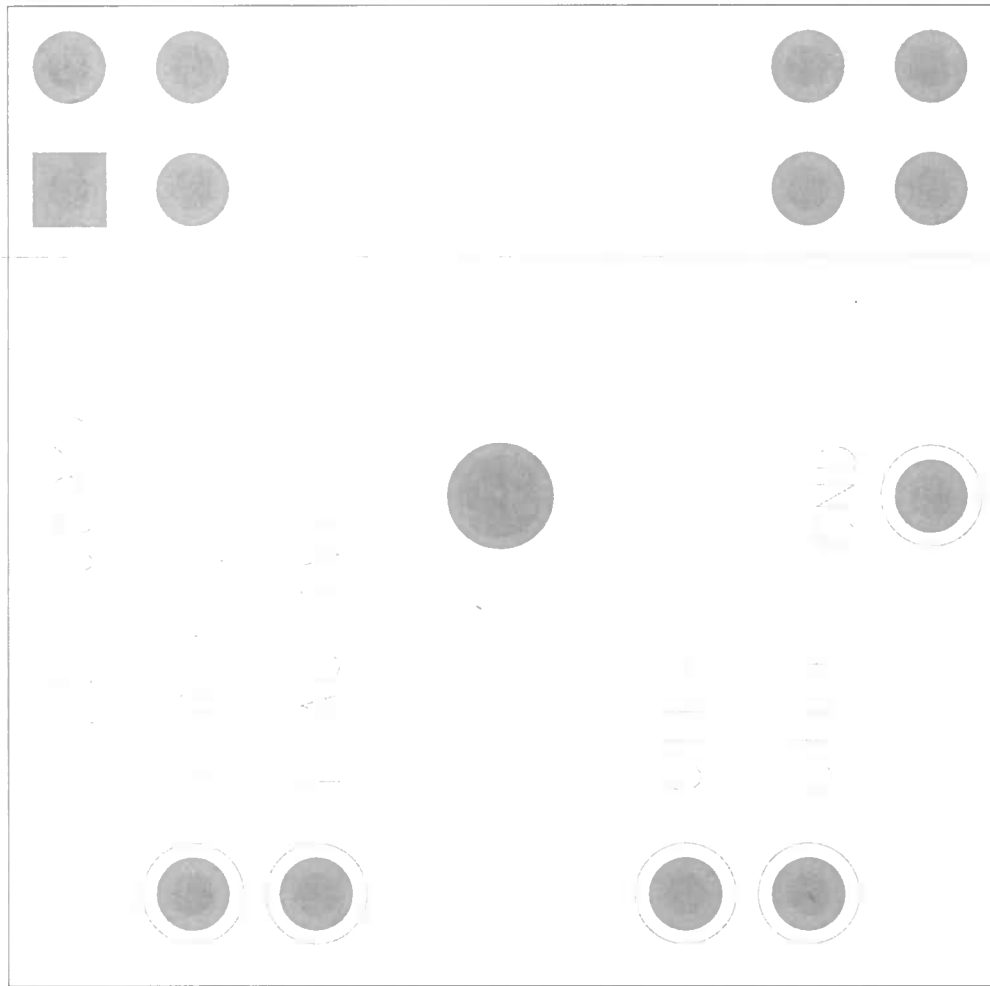
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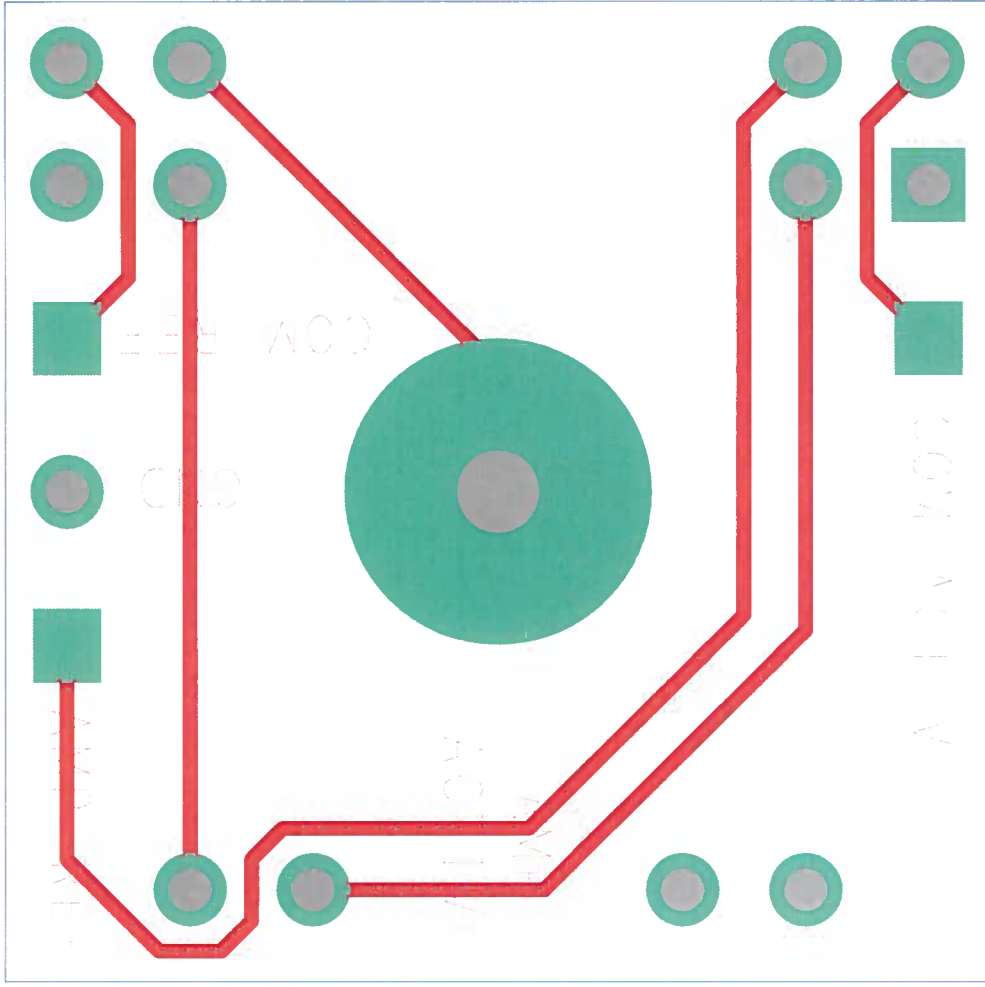
RELAY BOARD

UCSD PES 100914



4-10-77

REV 1.0

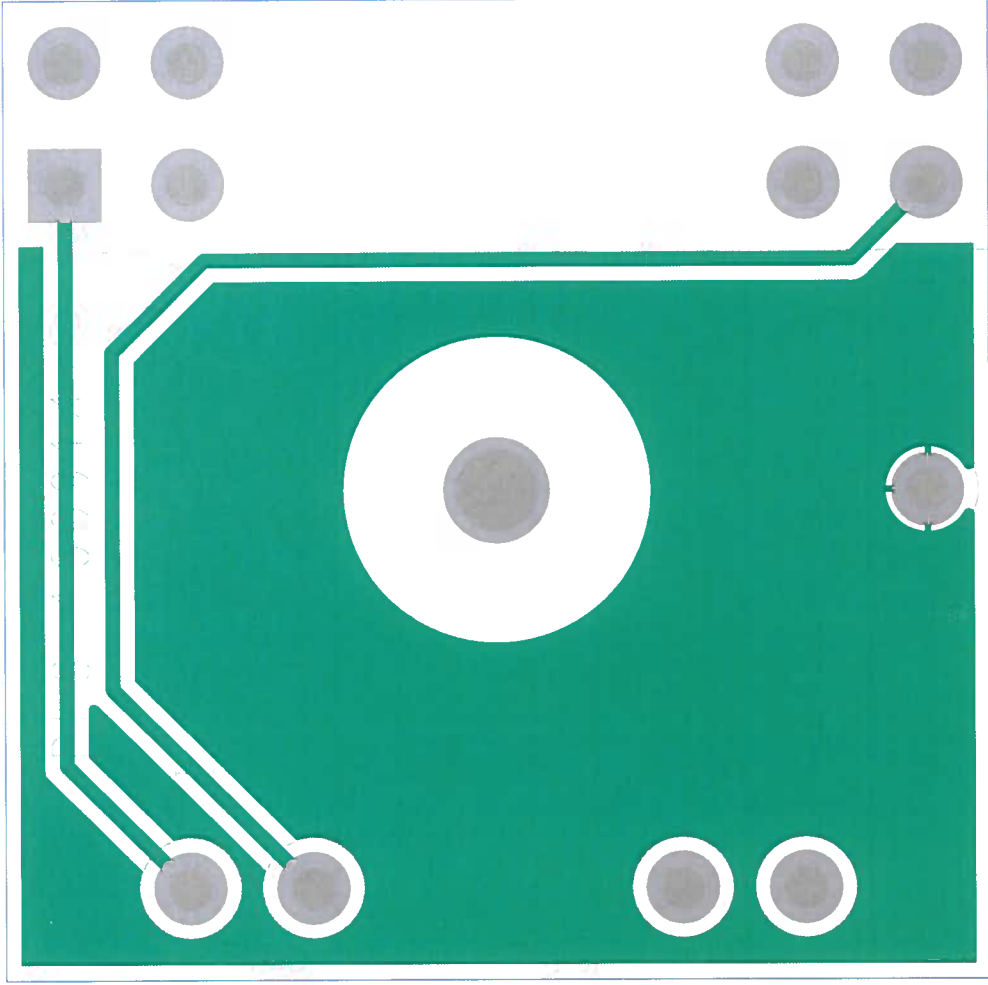


NC2D bE2 100a14

RELAY BOARD

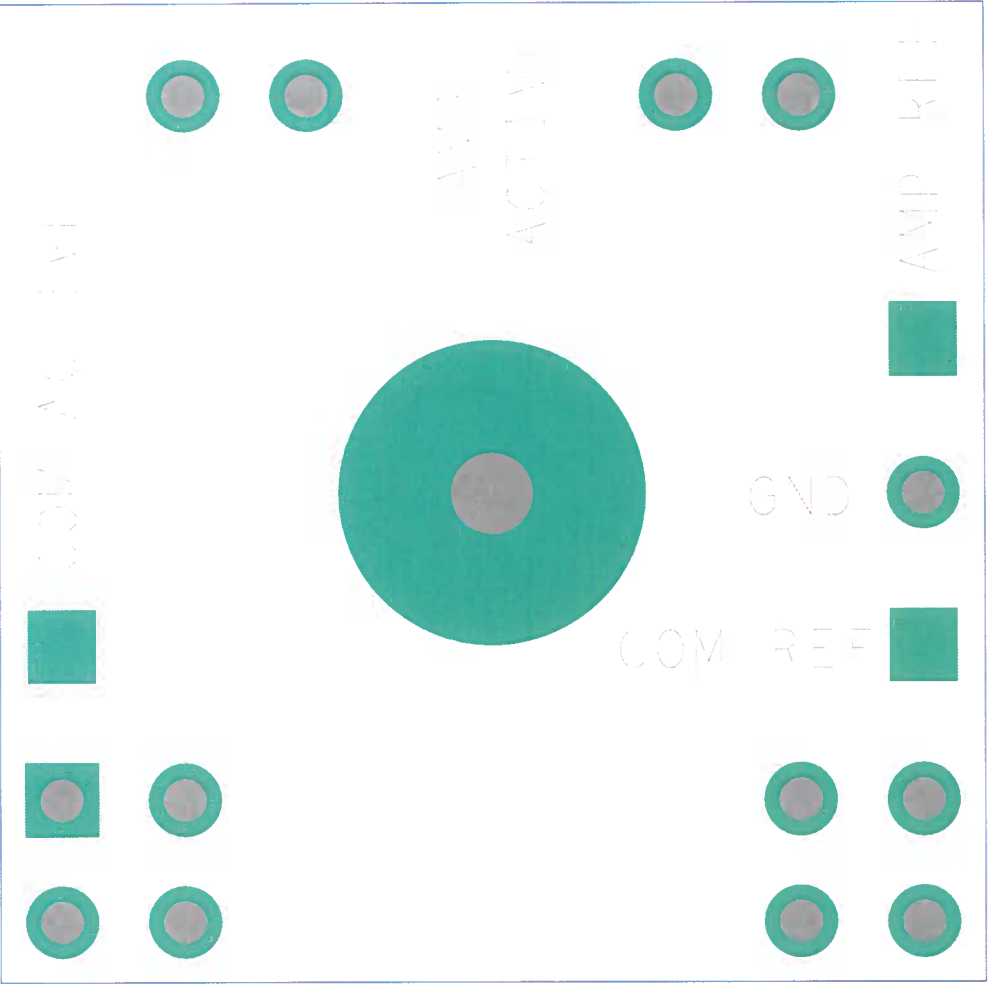
RELAY BOARD

UCSD PES 100914



950

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NC2D PES 100014
RELAY BOARD