DESIGN: TOF CLOCK TRANSLATOR
VERSION: 1.1
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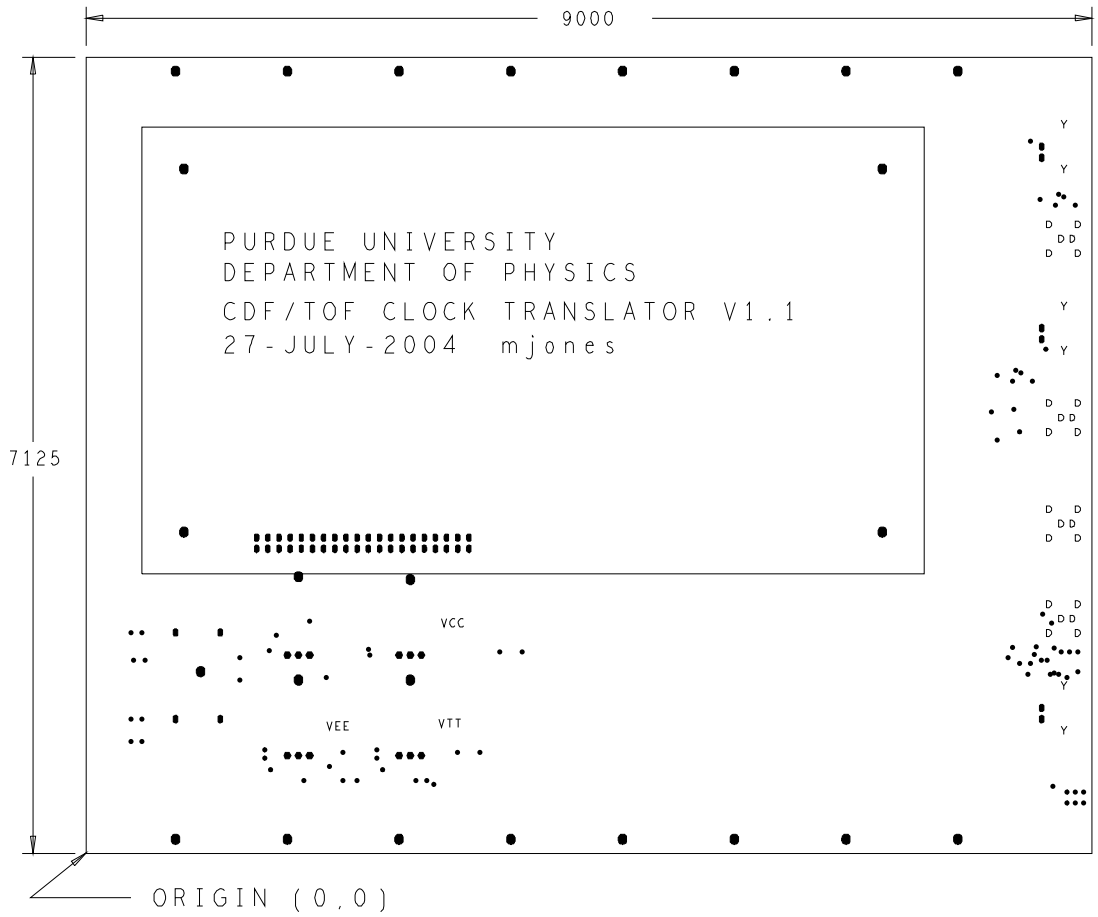

DESIGN NOTES:

1) ALL DIMENSIONS ARE IN MILS (1 INCH = 1000 MILS)

2) ORIGIN OF COORDINATE SYSTEM FOR GERBER AND DRILL FILES IS (0,0) LOCATED AT BOTTOM LEFT CORNER OF BOARD AS SHOWN.

3) THIS IS A 4-LAYER BOARD. LAYER NAMES COPPER THICKNESS ARE AS FOLLOWS:

LAYER	CU THICKNESS
TOP	1 OZ
POWER	1 OZ
GND	1 OZ
BOTTOM	1 OZ

4) TOTAL BOARD THICKNESS IS NOT LESS THAN 63 MILS

5) THIS BOARD USES CONTROLLED IMPEDANCE DIFFERENTIAL TRACES AS FOLLOWS:

LAYER	WIDTH	SEPARATION	TARGET Z0
BOTTOM	16	6	100 OHMS

LAYER SPACING SHOULD BE ADJUSTED TO OPTIMIZE TARGET IMPEDANCE (Z0).

6) ALL VIAS ARE THROUGH HOLES.

7) MINIMUM LINE WIDTH IS 10 MILS. MINIMUM LINE SPACING IS 6 MILS.

8) FIDUCIALS ARE ROUND PADS 50 MILS IN DIAMETER, NO SOLDER MASK, LOCATED AT (250,250), (250,6875), (8750,250), (8750,6875).

DRILL CHART			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
•	13.0	PLATED	55
▮	35.0	PLATED	46
•	35.0	PLATED	22
▮	42.0	PLATED	4
•	55.0	PLATED	12
D	63.0	PLATED	24
●	130.0	PLATED	25
Y	79.0	NON-PLATED	6