

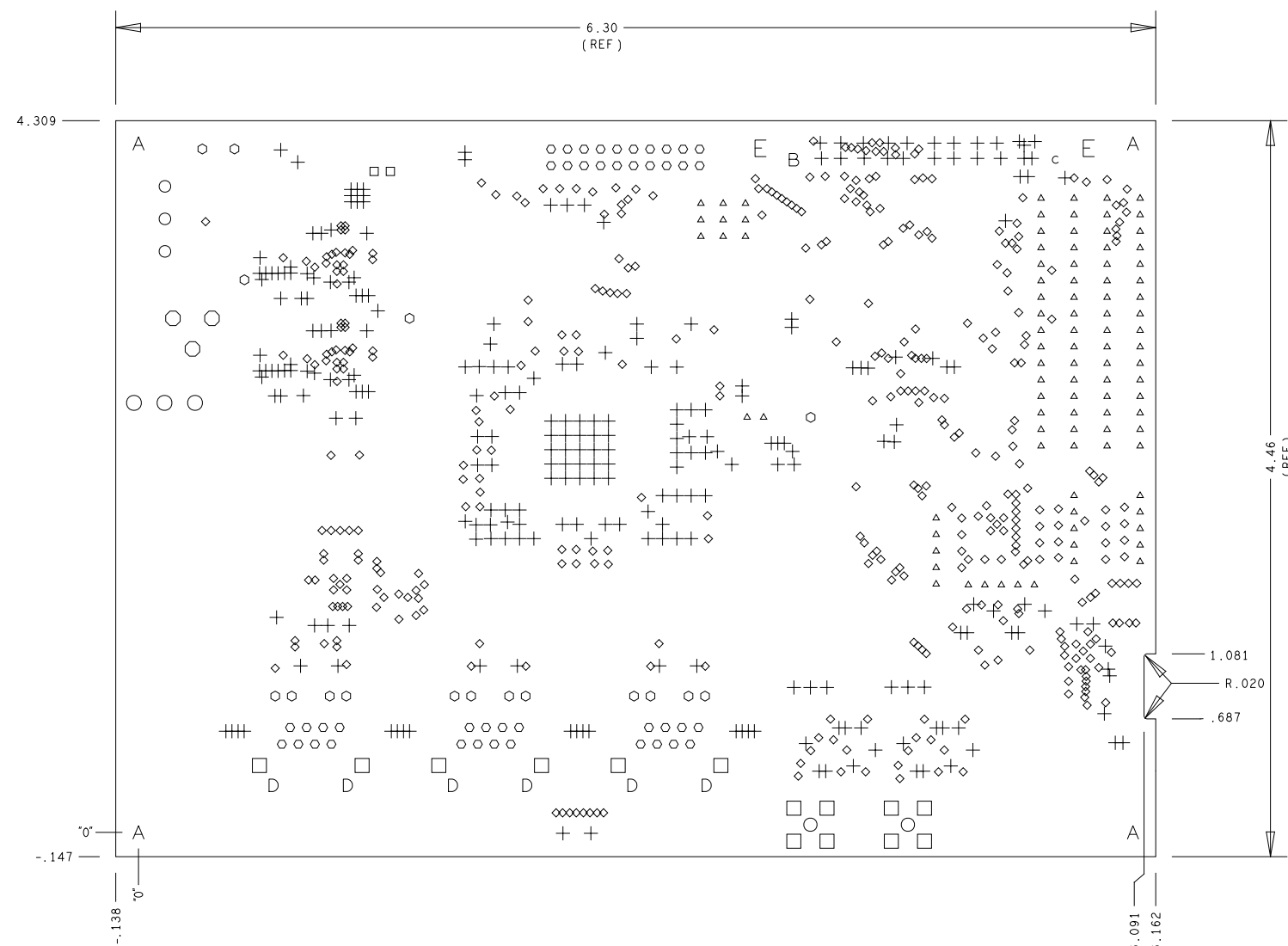
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	22JUN20	J. HAN
B	AS PER ECR-098018	14SEP20	M. RAMOS

The diagram illustrates the cross-section of a PCB with the following layers and thicknesses:

- PRIMARY SILKSCREEN** (Top layer)
- PRIMARY SOLDER MASK** (Second layer)
- NOMINAL FINISHED BOARD THICKNESS** (Overall thickness)
- 1.4 MILS** (Third layer)
- 5 MILS** (Fourth layer)
- 1.4 MILS** (Fifth layer)
- 47 MILS** (Sixth layer)
- 1.4 MILS** (Seventh layer)
- 5 MILS** (Eighth layer)
- 0.064" +/- 10%** (Ninth layer)
- SECONDARY SILKSCREEN** (Bottom layer)

The layers are labeled as follows:

- PRIMARY SIDE (LAYER 1)**
- L2\_GND PLANE (LAYER 2)**
- L3\_PWR PLANE (LAYER 3)**
- SECONDARY SIDE (LAYER 4)**
- SECONDARY SOLDER MASK**
- SECONDARY SILKSCREEN**



## IMPEDANCE TABLE

NOTE: ALL IMPEDANCE TOLERANCE +/-10%

DP = DIFFERENTIAL PAIR

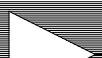
LAYER	IMPEDANCE	REFERENCE	LINE WIDTH	SPACE
L1	50 OHMS SE	L2	7.09 MILS	N/A
L4	50 OHMS SE	L3	7.09 MILS	N/A
L1	100 OHMS DP	L2	5.12 MILS	6.67 MILS
L4	100 OHMS DP	L3	5.12 MILS	6.67 MILS
L1	90 OHMS DP	L2	5.31 MILS	4.53 MILS
L4	90 OHMS DP	L3	5.31 MILS	4.53 MILS

## HOLE TOLERANCE

UNLESS SPECIFIED  
PLATED: +/- 3 MILS  
NON PLATED: +/- 2 MILS

DRILL CHART TOP 1+ BOTTOM					
		FINISHED HOLES IN MILS			TOLERANCE/NOTES
FIGURE	SIZE	TOLERANCE	PLATED	QTY	
	7.87	+2.0/-0.0	PLATED	410	DIA MAX
+	11.81	+2.0/-2.0	PLATED	269	DIA MAX
○	30.0	+0.0/-0.0	PLATED	4	
○	35.0	+0.0/-0.0	PLATED	44	
○	40.0	+0.0/-0.0	PLATED	17	
▲	45.0	+0.0/-0.0	PLATED	95	
○	50.0	+0.0/-0.0	PLATED	3	
○	60.0	+0.0/-0.0	PLATED	2	
□	65.0	+0.0/-0.0	PLATED	14	
○	70.0	+0.0/-0.0	PLATED	3	
○	75.0	+0.0/-0.0	PLATED	3	
A	125.98	+2.0/-0.0	PLATED	4	
B	28.0	+0.0/-0.0	NON-PLATED	1	
C	43.0	+0.0/-0.0	NON-PLATED	1	
D	128.0	+0.0/-0.0	NON-PLATED	6	
E	136.0	+0.0/-0.0	NON-PLATED	2	

## PRIMARY SIDE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVAL	DATE	 ANALOG DEVICES	WWM DIVISION 804 WOBBURN STREET WILMINGTON, MA 01887	
TOLERANCES		TEMPLATE ENGINEER N/A				
DECIMALS	FRACTIONS	HARDWARE SERVICES M - V&LE	22JUN20			
XXX - .005	1/32	ANGLES				
XXX - .005						
XXX - .0050						
MATERIAL		TEST ENGINEER N/A		TITLE	FABRICATION	
		COMPONENT ENGINEER M - YAN	22JUN20	NGRP EVAL BOARD		
		TEST PROCESS N/A		CUSTOMER EVAL Z		
		HARDWARE RELEASE K - JABATAN	22JUN20			
FINISH		DESIGNER M - NICOPIOR		SIZE	FSCM NO	REV
		PTD ENGINEER J - HAN	22JUN20	D 24355 09-064559		B
		CHECKER N/A				
DO NOT SCALE DWG			SCALE	1/1	SHEET	1 OF 1