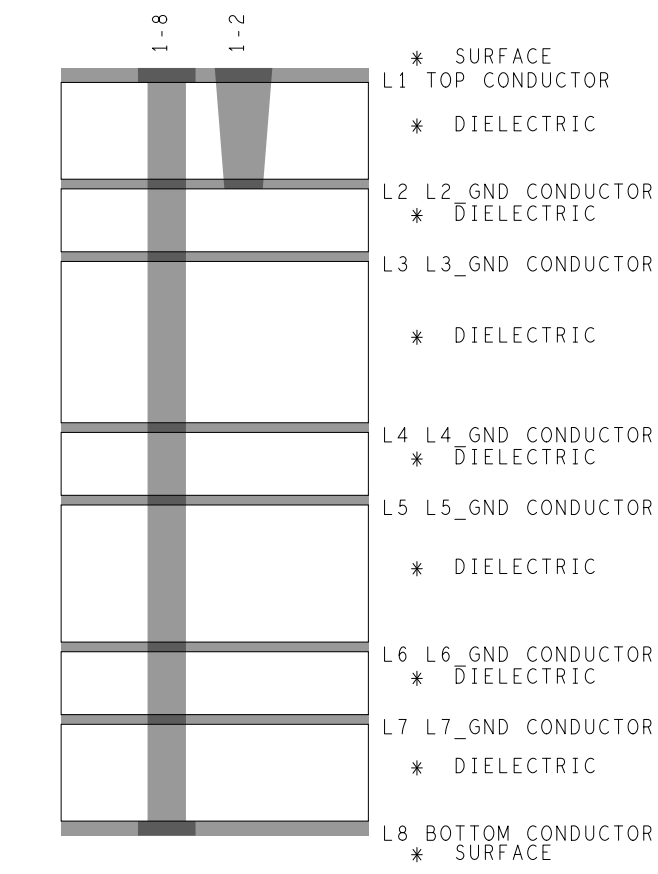


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10NOV21	T.CABILDO
B	CHANGES AS PER ECR-107288	11MAY22	T.CABILDO
C	CHANGES AS PER ECR-113923	26APR23	T.CABILDO



DESIGN CROSS SECTION CHART
TOTAL THICKNESS 53 MIL

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

DRILL CHART: TOP to BOTTOM				
FINISHED HOLES IN MILS				
FIGURE	SIZE	PLATED	QTY	TOLERANCE/NOTES
"	6.0	PLATED	18	DIA MAX/SEE NOTE 15
o	8.0	PLATED	942	DIA MAX/SEE NOTE 15
⊙	9.99	PLATED	32	DO NOT VIA FILL
•	10.0	PLATED	1494	DIA MAX/SEE NOTE 15
•	13.0	PLATED	10	DIA MAX/SEE NOTE 15
•	16.0	PLATED	14	
□	45.0	PLATED	36	
○	63.0	PLATED	2	
A	125.0	NON-PLATED	16	
°	48.0x24.0	PLATED	4	

PRIMARY SIDE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES

DECIMALS FRACTIONS ANGLES

.XX -.010 --1/32 -- 2

.XXX -.005

.XXXX -.0050

APPROVAL

DATE

10NOV21

TEMPLATE ENGINEER

HARDWARE SERVICES
M.VALE

HARDWARE SYSTEMS

TEST ENGINEER

COMPONENT ENGINEER
M.YAN

TEST PROCESS

HARDWARE RELEASE
K.JABATAN

DESIGNER
G.GARCIA

PTD ENGINEER
T.CABILDO

CHECKER

10NOV21

10NOV21

10NOV21

ANALOG
DEVICES

WWM
DIVISION
804 WOBURN STREET
WILMINGTON, MA 01887

TITLE

PHASED ARRAY BEAMFORMING
CUSTOMER EVAL Z

FINISH

DO NOT SCALE DWG

SIZE

SCALE

1/1

FSCM NO

DRAWING NUMBER

24355 09-066247

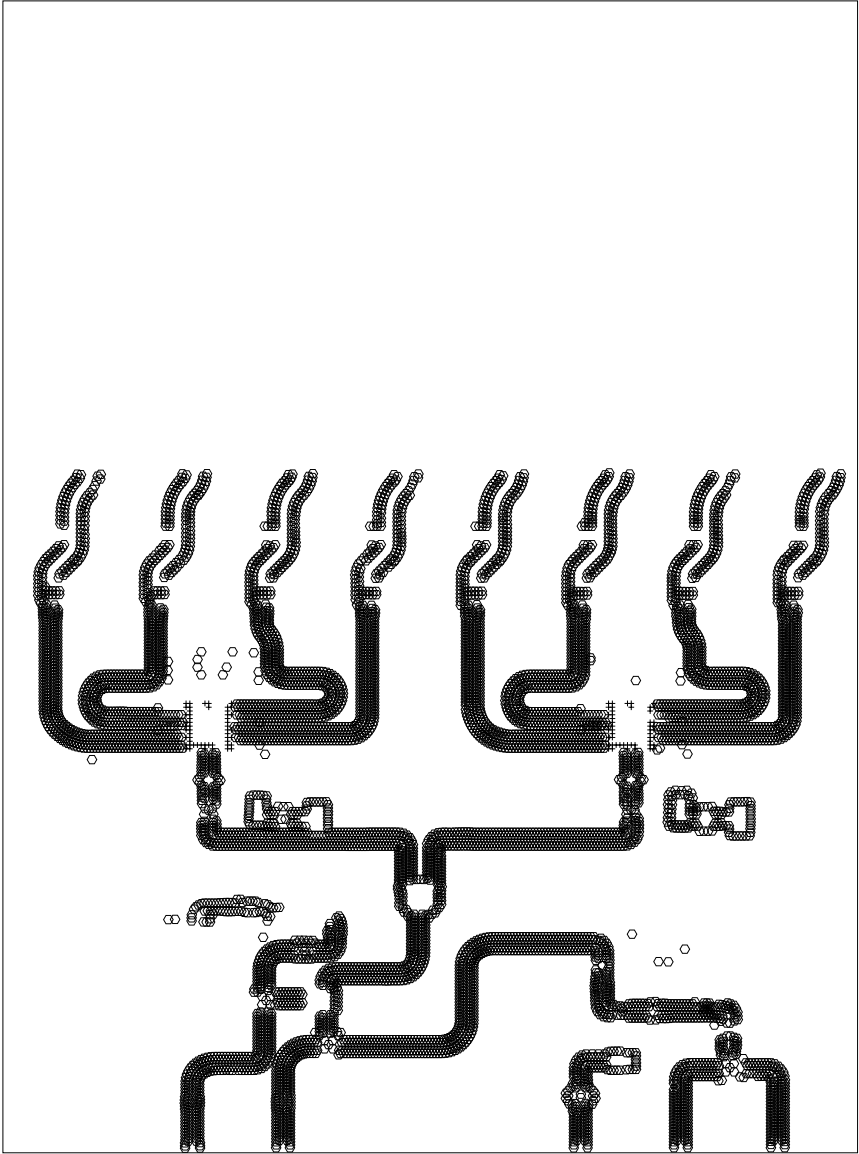
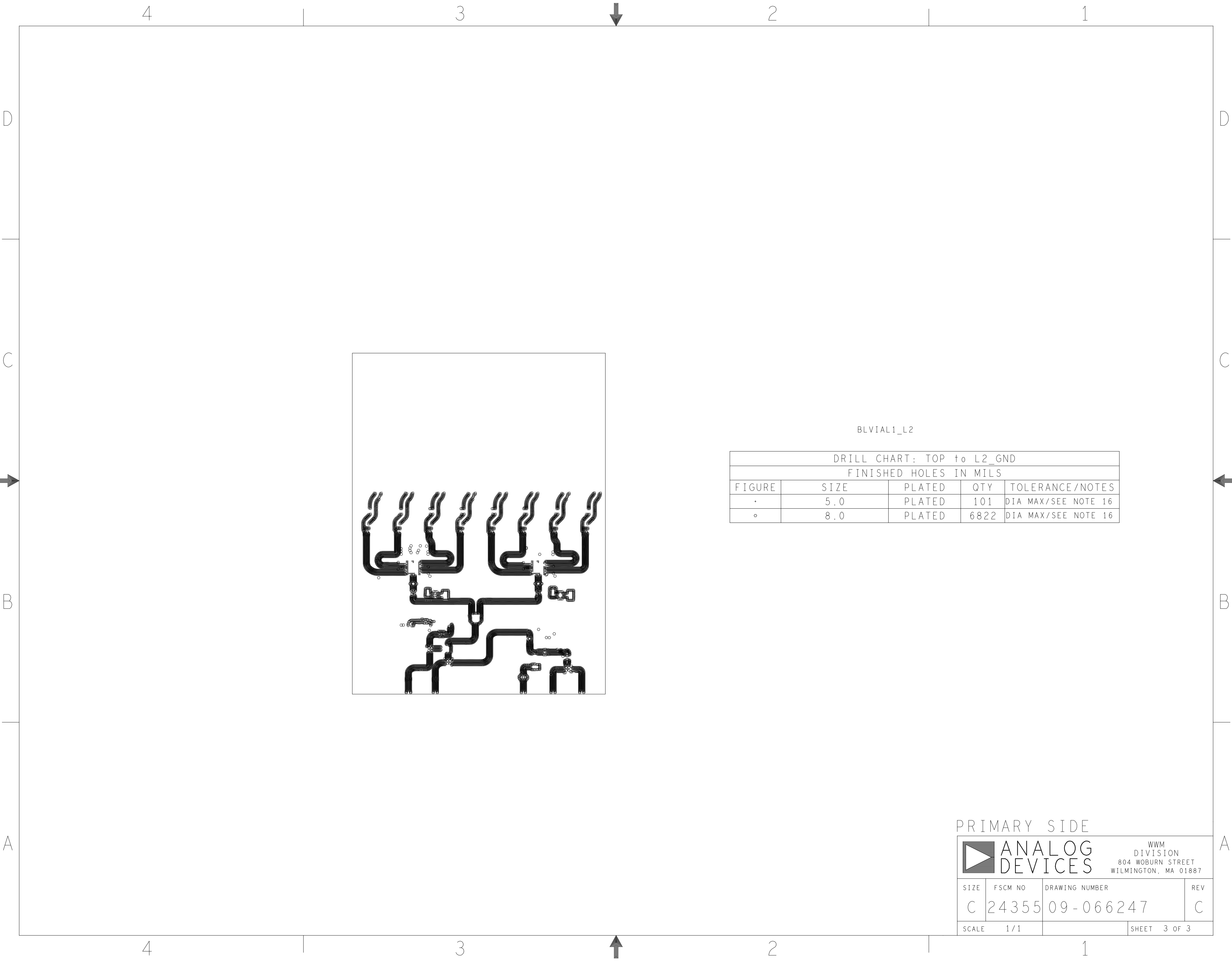
REV

SHEET

1 OF 3

C

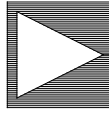
C



BLVIAL1_L2

DRILL CHART: TOP to L2_GND				
FINISHED HOLES IN MILS				
FIGURE	SIZE	PLATED	QTY	TOLERANCE/NOTES
.	5.0	PLATED	101	DIA MAX/SEE NOTE 16
o	8.0	PLATED	6822	DIA MAX/SEE NOTE 16

PRIMARY SIDE

		ANALOG DEVICES		WWM DIVISION 804 WOBURN STREET WILMINGTON, MA 01887	
		SIZE C	FSCM NO 24355	DRAWING NUMBER 09-066247	REV C
SCALE 1/1				SHEET 3 OF 3	

D

C

B

A

NOMINAL
FINISHED
BOARD
THICKNESS
0.055"
+ / - 10%

8 LAYER STACKUP

_____	PRIMARY SILKSCREEN
_____	PRIMARY SOLDER MASK
_____	PRIMARY SIDE (LAYER 1)
6.6MIL RO4350B	L2_GND PLANE (LAYER 2)
MEGTRON 2-1035	L3_GND PLANE (LAYER 3)
10MIL RO4350B	L4_GND PLANE (LAYER 4)
MEGTRON 2-1035	L5_GND PLANE (LAYER 5)
10MIL RO4350B	L6_GND PLANE (LAYER 6)
MEGTRON 2-1035	L7_GND PLANE (LAYER 7)
6.6MIL RO4350B	SECONDARY SIDE (LAYER 8)
_____	SECONDARY SOLDER MASK
_____	SECONDARY SILKSCREEN

IMPEDANCE TABLE

NOMINAL
FINISHED
BOARD
THICKNESS
0.055"
+/- 10%

_____	PRIMARY SILKSCREEN	
_____	PRIMARY SOLDER MASK	
_____	PRIMARY SIDE	(LAYER 1)
6.6MIL RO4350B	L2_GND PLANE	(LAYER 2)
3.6MIL RO4450F	L3_GND PLANE	(LAYER 3)
10MIL RO4350B	L4_GND PLANE	(LAYER 4)
3.6MIL RO4450F	L5_GND PLANE	(LAYER 5)
10MIL RO4350B	L6_GND PLANE	(LAYER 6)
3.5MIL RO4450F	L7_GND PLANE	(LAYER 7)
6.6MIL RO4350B	SECONDARY SIDE	(LAYER 8)
_____	SECONDARY SOLDER MASK	
_____	SECONDARY SILKSCREEN	

D

- C

B

14. REPAIRS PER IPC-7711/21 (LATEST REV.) ARE ALLOWED.

16. LASER VIAS TO BE COPPER FILL AND PLATED SHUT.

CPWG = COPLANAR WAVE GUIDE

PRIMARY SIDE

SIZE	FSCM NO	DRAWING NUMBER	REV
C	24355	09-066247	C
SCALE	1/1		SHEET 2 OF 3

A