Component Definition for: "AD5940BCBZ-RL"

Number of Pins: 56	Number of Gates: 1
Name of Pattern: CB_56_3	Number of pattern Pins: 56

Symbol gating Information:

Symbol name for gate 1 is AD5940BCBZ

Pin Data:

Pin Number	Pin Name	Gate Number	Symbol Pin	Gate Equiv.	Pin Equiv.	Pin Type
A1	AFE4	1	28	0	0	11
A2	AFE3	1	27	0	0	11
A3	AIN2	1	21	0	0	11
A4	AVDD	1	1	0	0	11
A5	VREF_1V82	1	6	0	0	11
A6	SE0	1	14	0	0	11
A7	CE0	1	11	0	0	11
A8	RE0	1	12	0	0	11
B1	RCAL1	1	9	0	0	11
B2	AFE1	1	25	0	0	11
B3	AIN1	1	20	0	0	11
B4	AIN4/LPF0	1	23	0	0	11
B5	AIN3/BUF_VREF1V8	1	22	0	0	11
B6	DE0	1	15	0	0	11
B7	VZERO0	1	13	0	0	11
B8	RC0_1	1	17	0	0	11
C1	RCAL0	1	8	0	0	11
C2	AFE2	1	26	0	0	11
C3	NC	1	34	0	0	11
C4	AGND	1	53	0	0	11
C5	AIN6	1	24	0	0	11
C6	RC0_2	1	18	0	0	11

Component Definition for: "AD5940BCBZ-RL"

Pin Data:

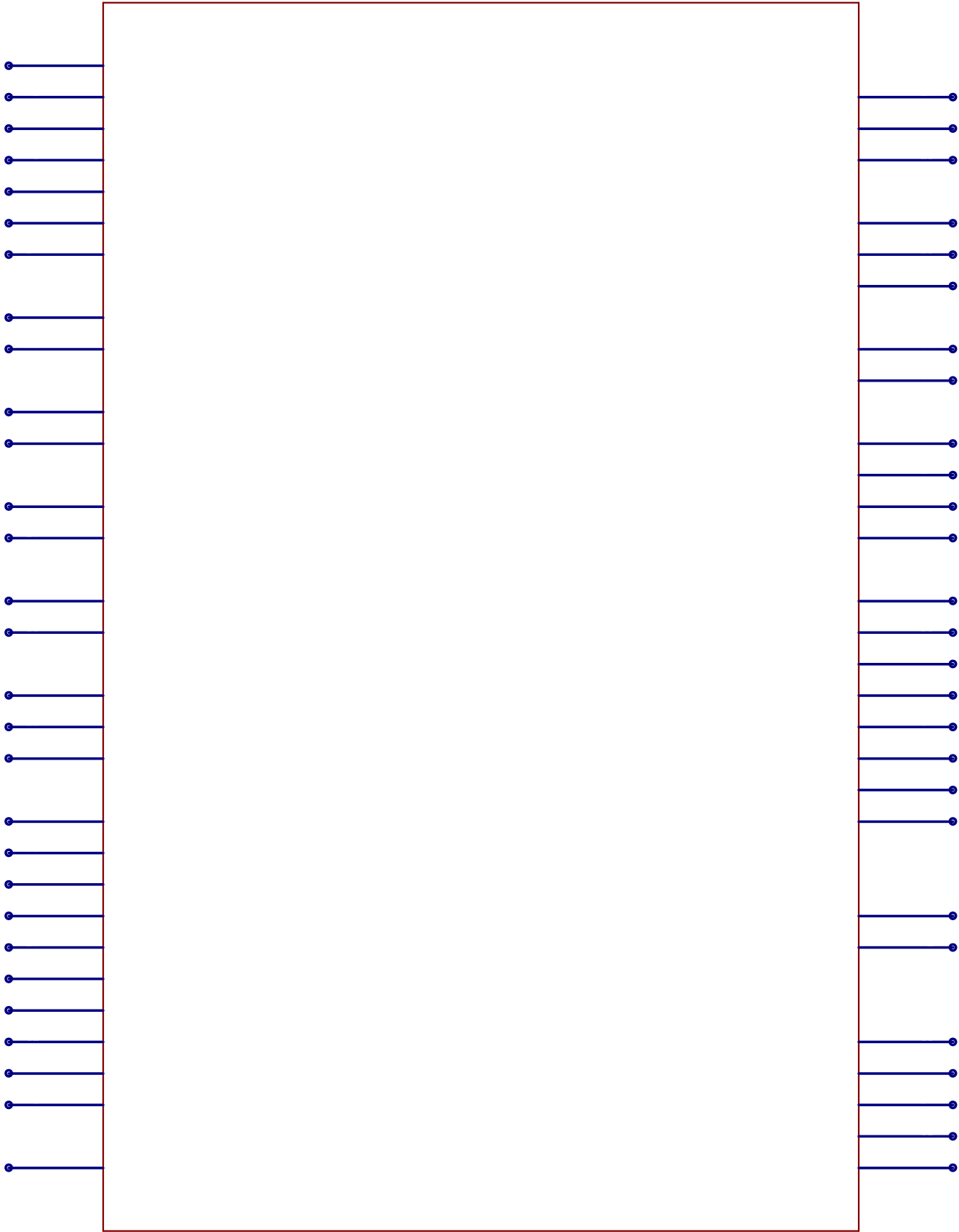| Pin Number	Pin Name	Gate Number	Symbol Pin	Gate Equiv.	Pin Equiv.	Pin Type
C7	VBIAS0	1	10	0	0	11
C8	RC0_0	1	16	0	0	11
D1	VBIAS_CAP	1	29	0	0	11
D2	AIN0	1	19	0	0	11
D3	NC	1	33	0	0	11
D4	NC	1	32	0	0	11
D5	AGND_REF	1	51	0	0	11
D6	GPIO1	1	43	0	0	11
D7	VREF_2V5	1	7	0	0	11
D8	AVDD_REG	1	3	0	0	11
E1	GPIO2	1	42	0	0	11
E2	GPIO3	1	41	0	0	11
E3	AGND	1	52	0	0	11
E4	DGND	1	56	0	0	11
E5	DGND	1	55	0	0	11
E6	DGND	1	54	0	0	11
E7	MOSI	1	47	0	0	11
E8	MISO	1	48	0	0	11
F1	RESET	1	35	0	0	11
F2	AVDD	1	2	0	0	11
F3	DVDD	1	4	0	0	11
F4	GPIO6	1	38	0	0	11
F5	GPIO0	1	44	0	0	11
F6	GPIO5	1	39	0	0	11
F7	CS*	1	45	0	0	11
F8	SCLK	1	46	0	0	11
G1	NC	1	31	0	0	11
G2	IOVDD	1	36	0	0	11
G3	DVDD_REG1V8	1	5	0	0	11

Component Definition for: "AD5940BCBZ-RL"

Pin Data:

Pin Number	Pin Name	Gate Number	Symbol Pin	Gate Equiv.	Pin Equiv.	Pin Type
G4	GPIO7	1	37	0	0	11
G5	XTALI	1	50	0	0	11
G6	XTALO	1	49	0	0	11
G7	GPIO4	1	40	0	0	11
G8	NC	1	30	0	0	11

Pin Mapping:

Pad Number	Component Pin Reference
1	A1
2	A2
3	A3
4	A4
5	A5
6	A6
7	A7
8	A8
9	B1
10	B2
11	B3
12	B4
13	B5
14	B6
15	B7
16	B8
17	C1
18	C2
19	C3
20	C4
21	C5
22	C6
23	C7
24	C8
25	D1

Component Definition for: "AD5940BCBZ-RL"

Pin Mapping:

Pad Number	Component Pin Reference
26	D2
27	D3
28	D4
29	D5
30	D6
31	D7
32	D8
33	E1
34	E2
35	E3
36	E4
37	E5
38	E6
39	E7
40	E8
41	F1
42	F2
43	F3
44	F4
45	F5
46	F6
47	F7
48	F8
49	G1
50	G2
51	G3
52	G4
53	G5
54	G6
55	G7
56	G8

Symbol Name: AD5940BCBZ

0.164in/4.16mm

0.016in/0.4mm

0.14in/3.56mm
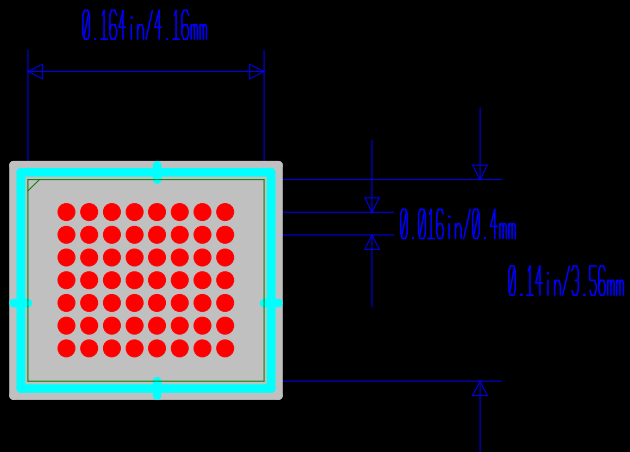
Default Padstyle: c30

Height = 21.65354

MINHEIGHT = 6.692914

RefDes = RefDes

Type = DEV

PN = PN

DEV = DEV

VAL = VAL

TOL = TOL

RefDes2 = RefDes2

TEMPLATE = ADI_bga_c.adt

NAME = CB_56_3

CP = 15.74803

RP = 15.74803

C = 8

CRN = UL

PF = A1

L = ABCDEFGHJKLMNPRTUVWY

PO = A1

PC = 56

R = 7

S = A1A2

CHK = o256

AdiDefGridDocStyle = 1

CHGT = 21.65354

CMHGT = 6.692914

PSH = Round

NOT = 1

BODY_W = 163.7795

BODY_H = 140.1575

BODYOFFX = 0

BODYOFFY = 0

KO = 0

KOW = 160	
KOH = 210	
HTT = 0	
CMARK = 0	
HTW = 150	
HTH = 200	
A1_PSH = Oblong	
A1_PADW = 60	
A1_PADH = 90	
A1_DRL = 30	
A2_PSH = Oblong	
A2_PADW = 90	
A2_PADH = 60	
A2_DRL = 30	
FID = 0	
PROT = 0	
REVLEVEL = A0	
3D = 1	
MATP = Aluminum	
MATB = Black	
OX2 = 0	
OY = 0	
OZ = 0	
OriginalPinCount = 56	

0.2in/5.08mm

A

C

A1 A2 A3 A4 A5 A6 A7 A8

B1 B2 B3 B4 B5 B6 B7 B8

C1 C2 C3 C4 C5 C6 C7 C8

G1 G2 G3 G4 G5 G6 G7 G8

0.016in/0.4mm

0.012in/0.305mm

0.15in/3.81mm