Pin # on PGA	Pin on PGA	Pin # CQFP208	Pin on carrier	Pin # on Silicon	Signal Name	CenterX	CenterY	Power
NC	.	208	C5-C12	167	VddPasaA	0	8398.09	pasa
1	B1	4	C5-C12	168	VddPasaA	-329.55	8068.55	pasa
2	C1	5	A2	169	Shutdown	-329.55	7943.55	pasa
3	D1	6	C3	170	PreampMode	-329.55	7818.55	pasa
4	E1	7	C4	171	BiasDecay	-329.55	7693.55	pasa
5	F1	NC	NC	172	InHBM15	-329.55	7620.55	pasa
6	G1	8	D1;B3-B18	173	GndPasaA	-329.55	7547.55	pasa
7	H1	9	A3	174	InCDM15	-329.55	7474.55	pasa
8	C2	NC	NC	175	InHBM14	-329.55	7401.55	pasa
9	D2	10	D1;B3-B18	176	GndPasaA	-329.55	7328.55	pasa
10	E2	11	A4	177	InCDM14	-329.55	7255.55	pasa
NC	.	NC	NC	178	InHBM13	-329.55	7055.1	pasa
NC	.	12	D1;B3-B18	179	GndPasaA	-329.55	6982.1	pasa
11	F2	13	A5	180	InCDM13	-329.55	6909.1	pasa
NC	.	NC	NC	181	InHBM12	-329.55	6555.1	pasa
12	G2	14	D1;B3-B18	182	GndPasaA	-329.55	6482.1	pasa
13	H2	15	A6	183	InCDM12	-329.55	6409.1	pasa
NC	.	16	C5-C12	184	VddPasaA	-329.55	6271.6	pasa
14	D3	17	C5-C12	185	VddPasaA	-329.55	6192.6	pasa
NC	.	NC	NC	186	InHBM11	-329.55	6055.1	pasa
15	E3	18	D1;B3-B18	187	GndPasaA	-329.55	5982.1	pasa
16	F3	19	A7	188	InCDM11	-329.55	5909.1	pasa
NC	.	NC	NC	189	InHBM10	-329.55	5555.1	pasa
17	G3	20	D1;B3-B18	190	GndPasaA	-329.55	5482.1	pasa
18	H3	21	A8	191	InCDM10	-329.55	5409.1	pasa
NC	.	NC	NC	192	InHBM9	-329.55	5055.1	pasa
19	E4	22	D1;B3-B18	193	GndPasaA	-329.55	4982.1	pasa
20	F4	23	A9	194	InCDM9	-329.55	4909.1	pasa
NC	.	NC	NC	195	InHBM8	-329.55	4555.1	pasa
21	G4	24	D1;B3-B18	196	GndPasaA	-329.55	4482.1	pasa
22	H4	25	A10	197	InCDM8	-329.55	4409.1	pasa
23	H5	26	C5-C12	198	VddPasaA	-329.55	4308.1	pasa
NC	.	27	C5-C12	199	VddPasaA	-329.55	4232.1	pasa
24	J4	28	C5-C12	200	VddPasaA	-329.55	4156.1	pasa
25	K4	NC	NC	201	InHBM7	-329.55	4055.1	pasa

26	L4	29	D1;B3-B18	202	GndPasaA	-329.55	3982.1	pasa
27	M4	30	A11	203	InCDM7	-329.55	3909.1	pasa
NC	.	NC	NC	204	InHBM6	-329.55	3555.1	pasa
NC	.	31	D1;B3-B18	205	GndPasaA	-329.55	3482.1	pasa
28	J3	32	A12	206	InCDM6	-329.55	3409.1	pasa
NC	.	NC	NC	207	InHBM5	-329.55	3055.1	pasa
29	K3	33	D1;B3-B18	208	GndPasaA	-329.55	2982.1	pasa
30	L3	34	A13	209	InCDM5	-329.55	2909.1	pasa
NC	.	NC	NC	210	InHBM4	-329.55	2555.1	pasa
31	M3	35	D1;B3-B18	211	GndPasaA	-329.55	2482.1	pasa
32	N3	36	A14	212	InCDM4	-329.55	2409.1	pasa
33	J2	37	C5-C12	213	VddPasaA	-329.55	2271.6	pasa
NC	.	38	C5-C12	214	VddPasaA	-329.55	2192.6	pasa
NC	.	NC	NC	215	InHBM3	-329.55	2055.1	pasa
34	K2	39	D1;B3-B18	216	GndPasaA	-329.55	1982.1	pasa
35	L2	40	A15	217	InCDM3	-329.55	1909.1	pasa
NC	.	NC	NC	218	InHBM2	-329.55	1555.1	pasa
36	M2	41	D1;B3-B18	219	GndPasaA	-329.55	1482.1	pasa
37	N2	42	A16	220	InCDM2	-329.55	1409.1	pasa
NC	.	NC	NC	221	InHBM1	-329.55	1069.55	pasa
NC	.	43	D1;B3-B18	222	GndPasaA	-329.55	996.55	pasa
38	P2	44	A17	223	InCDM1	-329.55	923.55	pasa
NC	.	NC	NC	224	InHBM0	-329.55	850.55	pasa
39	J1	45	D1;B3-B18	225	GndPasaA	-329.55	777.55	pasa
40	K1	46	A18	226	InCDM0	-329.55	704.55	pasa
41	L1	47	A19	227	Gain1	-329.55	579.55	pasa
42	M1	48	B19	228	Gain2	-329.55	454.55	pasa
43	N1	49	C5-C12	229	VddPasaA	-329.55	329.55	pasa
44	P1	53	C5-C12	1	VddPasaA	0	0	pasa
45	R1	54	A20	2	ShapingTime1	125	0	pasa
46	M5	55	C19	3	ShapingTime2	250	0	pasa
47	M6	56	B20	4	ShapingTime3	375	0	pasa
48	M7	57	C5-C12	5	VddPasaA	453.9	0	pasa
49	R2	58	C20	6	Polarity	607.97	0	pasa
50	R3	59	C5-C12	7	VddPasaA	699.34	0	pasa
NC	.	60	D1;B3-B18	8	GndPasaA	846.36	0	pasa

51	R4	61	D7-D20	9	GndAdcA	968.89	0	AdcA
52	R5	62	C13-C18	10	VddAdcA	1049.26	0	AdcA
53	R6	63	E19	11	RefN	1133.57	0	AdcA
54	R7	64	D7-D20	12	GndAdcA	1217.89	0	AdcA
55	P3	65	C13-C18	13	VddAdcA	1298.26	0	AdcA
56	P4	66	E20	14	Vcm	1382.57	0	AdcA
57	P5	67	D7-D20	15	GndAdcA	1466.89	0	AdcA
58	P6	68	C13-C18	16	VddAdcA	1547.26	0	AdcA
59	P7	69	G19	17	RefP	1631.57	0	AdcA
60	N4	70	C13-C18	18	VddAdcA	1713.26	0	AdcA
61	N5	71	D7-D20	19	GndAdcA	1798.89	0	AdcA
62	N6	72	G20	20	CmOut	1880.57	0	AdcA
63	N7	73	C13-C18	21	VddAdcA	1962.25	0	AdcA
64	M8	74	D7-D20	22	GndAdcA	2043.93	0	AdcA
NC	.	75	C13-C18	23	VddAdcA	2125.61	0	AdcA
NC	.	76	D7-D20	24	GndAdcA	2207.29	0	AdcA
65	M9	78	G2;H6-H9	25	GndAdcDig	2728.9	0	AdcD
66	M10	79	G7-G14	26	VddAdcDig	2806.1	0	AdcD
67	M11	80	H19	27	ClkSelect	2883.3	0	AdcD
68	L8	81	G18	28	ClkAux	3013.3	0	AdcD
69	M12	82	H20	29	sclk	3143.3	0	AdcD
70	N8	83	G7-G14	30	VddAdcDig	3273.3	0	AdcD
71	N9	84	G2;H6-H9	31	GndAdcDig	3350.73	0	AdcD
72	N10	88	J17	32	chipadd [4]	3585.32	0	IO
73	N11	89	J19	33	chipadd [5]	3658.32	0	IO
74	N12	90	K17	34	chipadd [6]	3731.32	0	IO
75	N13	91	J20	35	chipadd [7]	3804.32	0	IO
76	P8	92	J18	36	SoftRst	3877.32	0	IO
77	P9	93	K19	37	grstb	3950.32	0	IO
78	P10	94	H10-H18	38	GND	4023.32	0	Dig
79	P11	95	G3;H2;H3;K4;K5	39	VDD	4100.32	0	Dig
80	P12	96	K20	40	writeb	4173.32	0	IO
81	P13	97	J16	41	cstbb	4246.32	0	IO
82	P14	98	K18	42	dolo_en	4319.32	0	IO
83	R8	99	L19	43	trsf_en	4392.32	0	IO
84	R9	100	L20	44	errorb	4465.32	0	IO

85	R10	101	L18	45	trsfb	4538.32	0	IO
86	R11	102	J5-J15	46	DVSS	4663.32	0	IO
87	R12	103	L17	47	dstb	4788.32	0	IO
88	R13	104	K6;K7;K14-K16;L5;L6;L8-L10;L13-L16	48	DVDD	4913.32	0	IO
89	R14	105	M20	49	bd[39]	5259.72	365.5	IO
90	R15	106	N20	50	bd[38]	5259.72	490.5	IO
91	P15	107	M19	51	bd[37]	5259.72	615.5	IO
92	N15	108	N19	52	bd[36]	5259.72	740.5	IO
NC	.	109	G3;H2;H3;K4;K5	53	VDD	5259.72	852.6	Dig
93	M15	110	M18	54	bd[35]	5259.72	963.6	IO
NC	.	111	H10-H18	55	GND	5259.72	1074.6	Dig
94	L15	112	N18	56	bd[34]	5259.72	1185.6	IO
95	K15	113	M17	57	bd[33]	5259.72	1296.6	IO
96	J15	114	N17	58	bd[32]	5259.72	1407.6	IO
97	H15	115	M16	59	bd[31]	5259.72	1518.6	IO
98	N14	116	N16	60	bd[30]	5259.72	1629.6	IO
99	M14	117	M15	61	bd[29]	5259.72	1740.6	IO
100	L14	118	L12	62	ScanMode	5259.72	1851.6	IO
101	K14	119	K6;K7;K14-K16;L5;L6;L8-L10;L13-L16	63	DVDD	5259.72	1962.6	IO
102	J14	NC	NC	64	tstout2	5259.72	2073.6	IO
103	H14	120	J5-J15	65	DVSS	5259.72	2184.6	IO
NC	.	NC	NC	66	AuxChipIn[0]	5259.72	2295.6	IO
104	M13	121	N15	67	bd[28]	5259.72	2406.6	IO
NC	.	NC	NC	68	AuxChipIn[1]	5259.72	2517.6	IO
105	L13	122	M14	69	bd[27]	5259.72	2628.6	IO
NC	.	NC	NC	70	AuxChipIn[2]	5259.72	2739.6	IO
106	K13	123	N14	71	bd[26]	5259.72	2850.6	IO
NC	.	NC	NC	72	AuxChipIn[3]	5259.72	2961.6	IO
107	J13	124	M13	73	bd[25]	5259.72	3072.6	IO
NC	.	NC	NC	74	AuxChipIn[4]	5259.72	3183.6	IO
108	H13	125	N13	75	bd[24]	5259.72	3294.6	IO
NC	.	NC	NC	76	DVDD	5259.72	3405.6	IO
109	L12	126	M12	77	bd[23]	5259.72	3516.6	IO
NC	.	NC	J5-J15	78	DVSS	5259.72	3627.6	IO
110	K12	127	N12	79	bd[22]	5259.72	3738.6	IO
111	J12	128	M11	80	bd[21]	5259.72	3849.6	IO

NC	.	NC	NC	81	ConfigIn	5259.72	3960.6	IO
112	H12	129	G3;H2;H3;K4;K5	82	VDD	5259.72	4071.6	Dig
113	H11	130	L11	83	rdoclk	5259.72	4182.6	IO
114	G12	131	H10-H18	84	GND	5259.72	4293.6	Dig
115	F12	132	N11	85	bd[20]	5259.72	4404.6	IO
116	E12	133	M10	86	bd[19]	5259.72	4515.6	IO
117	D12	134	N10	87	bd[18]	5259.72	4626.6	IO
NC	.	NC	K6;K7;K14-K16;L5;L6;L8-L10;L13-L16	88	DVDD	5259.72	4737.6	IO
118	G13	135	M9	89	bd[17]	5259.72	4848.6	IO
NC	.	NC	J5-J15	90	DVSS	5259.72	4959.6	IO
119	F13	136	N9	91	bd[16]	5259.72	5070.6	IO
NC	.	NC	NC	92	AuxChipIn[5]	5259.72	5181.6	IO
120	E13	137	M8	93	bd[15]	5259.72	5292.6	IO
NC	.	NC	NC	94	AuxChipIn[6]	5259.72	5403.6	IO
121	D13	138	N8	95	bd[14]	5259.72	5514.6	IO
NC	.	NC	NC	96	AuxChipIn[7]	5259.72	5625.6	IO
122	C13	139	M7	97	bd[13]	5259.72	5736.6	IO
NC	.	NC	NC	98	AuxChipIn[8]	5259.72	5849.6	IO
123	G14	140	N7	99	bd[12]	5259.72	5962.6	IO
NC	.	NC	NC	100	AuxChipIn[9]	5259.72	6075.6	IO
124	F14	141	K6;K7;K14-K16;L5;L6;L8-L10;L13-L16	101	DVDD	5259.72	6188.6	IO
NC	.	NC	NC	102	tclk	5259.72	6301.6	IO
125	E14	142	J5-J15	103	DVSS	5259.72	6414.6	IO
126	D14	143	L7	104	ScanEn	5259.72	6527.6	IO
127	C14	144	M6	105	bd[11]	5259.72	6640.6	IO
128	B14	145	N6	106	bd[10]	5259.72	6753.6	IO
129	G15	146	M5	107	bd[09]	5259.72	6866.6	IO
130	F15	147	N5	108	bd[08]	5259.72	6979.6	IO
131	E15	148	M4	109	bd[07]	5259.72	7092.6	IO
132	D15	149	N4	110	bd[06]	5259.72	7203.9	IO
NC	.	150	G3;H2;H3;K4;K5	111	VDD	5259.72	7315.2	Dig
133	C15	151	M3	112	bd[05]	5259.72	7426.5	IO
NC	.	152	H10-H18	113	GND	5259.72	7537.7	Dig
134	B15	153	N3	114	bd[04]	5259.72	7650.7	IO
135	A15	154	M2	115	bd[03]	5259.72	7775.7	IO
136	D11	155	N2	116	bd[02]	5259.72	7900.7	IO

137	D10	156	M1	117	bd[01]	5259.72	8025.7	IO
138	D9	157	J5-J15	118	DVSS	4913.32	8398.09	IO
139	A14	158	L1	119	tstout	4788.32	8398.09	IO
140	A13	159	K6;K7;K14-K16;L5;L6;L8-L10;L13-L16	120	DVDD	4663.32	8398.09	IO
141	A12	160	N1	121	bd[00]	4538.32	8398.09	IO
142	A11	161	L3	122	ack_en	4465.32	8398.09	IO
143	A10	162	L4	123	ackb	4392.32	8398.09	IO
144	A9	163	L2	124	l2yb	4319.32	8398.09	IO
145	B13	164	K1	125	trgb	4246.32	8398.09	IO
146	B12	165	K3	126	tsm/tms	4173.32	8398.09	IO
147	B11	166	G3;H2;H3;K4;K5	127	VDD	4096.32	8398.09	Dig
148	B10	167	H10-H18	128	GND	4023.32	8398.09	Dig
149	B9	168	K2	129	adc_add0	3950.32	8398.09	IO
150	C12	169	K1	130	adc_add1	3877.32	8398.09	IO
151	C11	170	J4	131	chipadd [3]	3804.32	8398.09	IO
152	C10	171	J3	132	chipadd [2]	3731.32	8398.09	IO
153	C9	172	J2	133	chipadd [1]	3658.32	8398.09	IO
154	D8	173	H1	134	chipadd [0]	3585.32	8398.09	IO
155	D7	176	G2;H6-H9	135	GndAdcDig	3350.38	8398.09	AdcD
156	D6	177	G7-G14	136	VddAdcDig	3273.3	8398.09	AdcD
157	D5	178	G7-G14	137	VddAdcDig	3196.22	8398.09	AdcD
158	E8	179	G2;H6-H9	138	GndAdcDig	3119.14	8398.09	AdcD
159	D4	180	H5	139	GndChipGuardRing	3010.58	8398.09	
NC	.	181	H4	140	GndChipGuardRing	2937.58	8398.09	
NC	.	182	D7-D20	141	GndAdcA	2837.41	8398.09	AdcA
NC	.	183	D7-D20	142	GndAdcA	2292.92	8398.09	AdcA
NC	.	184	C13-C18	143	VddAdcA	2211.24	8398.09	AdcA
160	C8	185	D7-D20	144	GndAdcA	2129.56	8398.09	AdcA
161	C7	186	C13-C18	145	VddAdcA	2047.88	8398.09	AdcA
162	C6	187	D3	146	BiasGate	1966.2	8398.09	AdcA
163	C5	188	G1	147	CmOut	1883.2	8398.09	AdcA
164	C4	189	D7-D20	148	GndAdcA	1798.89	8398.09	AdcA
165	C3	190	C13-C18	149	VddAdcA	1718.52	8398.09	AdcA
166	B8	191	E1	150	RefP	1634.2	8398.09	AdcA
167	B7	192	C13-C18	151	VddAdcA	1552.52	8398.09	AdcA
168	B6	193	D7-D20	152	GndAdcA	1466.89	8398.09	AdcA

169	B5	194	E2	153	Vcm	1385.2	8398.09	AdcA
170	B4	195	C13-C18	154	VddAdcA	1303.52	8398.09	AdcA
171	B3	196	D7-D20	155	GndAdcA	1217.89	8398.09	AdcA
172	B2	197	C1	156	RefN	1136.2	8398.09	AdcA
173	A8	198	C13-C18	157	VddAdcA	1054.52	8398.09	AdcA
174	A7	199	D7-D20	158	GndAdcA	968.89	8398.09	AdcA
NC	.	200	D1;B3-B18	159	GndPasaA	852.3	8398.09	pasa
175	A6	201	D2	160	AdcTestP	766.67	8398.09	pasa
176	A5	202	C2	161	AdcTestN	683.67	8398.09	pasa
NC	.	203	C5-C12	162	VddPasaA	582.66	8398.09	pasa
177	A4	204	C5-C12	163	VddPasaA	453.9	8398.09	pasa
178	A3	205	B1	164	PasaTestN	375	8398.09	pasa
179	A2	206	B2	165	PasaTestP	250	8398.09	pasa
180	A1	207	A1	166	TestMode	125	8398.09	pasa
NC	E5							