Number	Name	Description	I/O Type
1	DOWNBOND	Connect to ground	GND
2	DGND	Digital ground. Connect to ground	GND
3	LE_OUT[2]	Leading edge output bit 2	Output
4	LE_OUT[1]	Leading edge output bit 1	Output
5	LE_OUT[0]	Leading edge output bit 0	Output
6	AD[7]	Addr/Mode and Data bit 7. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
7	AD[6]	Addr/Mode and Data bit 6. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
8	AD[5]	Addr/Mode and Data bit 5. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
9	AD[4]	Addr/Mode and Data bit 4. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
10	AD[3]	Addr/Mode and Data bit 3. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
11	AD[2]	Addr/Mode and Data bit 2. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
12	AD[1]	Addr/Mode and Data bit 1. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
13	AD[0]	Addr/Mode and Data bit 0. Addr/Mode is latched on rising edge of the STB, while data is latched on falling edge.	Bi-Directional
14	AVSS (COMMON)	Connect to ground. This is for the common channel	GND
15	AVDD(COMMON)	Connect to 3.3 VDC. This is for the common channel	POWER
16	AVSS(CH4-7)	Connect to GND.	
17	AVDD(CH4-7)	Connect to 3.3 VDC.	
18	AVSS(CH0-3)	Connect to GND.	
19	AVDD(CH0-3)		
20	DOWNBOND		
21	AGND		
22	AIN[0]		
23	AIN[1]		
24	AIN[2]		

25	AIN[3]		
26	AIN[4]		
27	AIN[5]		
28	AIN[6]		
29	AIN[7]		
30	AVSS (PADS)		
31	AVDD(PADS)		
32	AIN[8]		
33	AIN[9]		
34	AIN[10]		
35	AIN[11]		
36	AIN[12]		
37	AIN[13]		
38	AIN[14]		
39	AIN[15]		
40	MULTIPLICITY		
41	DOWNBOND		
42	NC		
43	AGND		
44	AVDD(CH12-15)		
45	AVSS(CH12-15)		
46	AVDD(CH8-11)		
47	AVSS(CH8-11)		
48	NEG_POL		
49	STB		
50	AGND_DISABLE		
51	LE_OUT[3]		
52	LE_OUT[4]		
53	LE_OUT[5]		
54	LE_OUT[6]		
55	LE_OUT[7]		

56	GLOBAL_EN		
57	RST_L		
58	TESTPOINT		
59	OR		
60	DOWNBOND		
61	DGND		
62	DVDD		
63	CFD[8]		
64	CFD[14]		
65	CFD[13]		
66	CFD[12]		
67	DO[11]		
68	DO[10]		
69	DO[9]		
70	DO[15]		
71	DO[7]		
72	DO[6]		
73	DO[5]		
74	DO[4]		
75	DO[3]		
76	DO[2]		
77	DO[1]		
78	DO[0]		
79	WRITE		
80	DVDD		