



Pad Coordinates in Microns

1	0; 0	39	2628; 5185
2	8; 187	40	2822; 5185
3	8; 359	41	3016; 5185
4	8; 531	42	3092; 4143
5	8; 703	43	3092; 3971
6	8; 875	44	3092; 3799
7	8; 1047	45	3092; 3627
8	8; 1219	46	3092; 3455
9	8; 1391	47	3092; 3283
10	8; 1563	48	3092; 3111
11	8; 1735	49	3092; 2939
12	8; 1907	50	3092; 2767
13	8; 2079	51	3092; 2595
14	8; 2251	52	3092; 2423
15	8; 2423	53	3092; 2251
16	8; 2595	54	3092; 2079
17	8; 2767	55	3092; 1907
18	8; 2939	56	3092; 1735
19	8; 3111	57	3092; 1563
20	8; 3283	58	3092; 1391
21	8; 3455	59	3092; 1219
22	8; 3627	60	3092; 1047
23	8; 3799	61	3092; 875
24	8; 3971	62	3092; 703
25	8; 4143	63	3092; 531
26	106; 5185	64	3092; 359
27	300; 5185	65	3092; 187
28	494; 5185	66	3100; 0
29	688; 5185	67	2976; -262
30	882; 5185	68	2676; -307
31	1076; 5185	69	2118; -307
32	1270; 5185	70	1896; -307
33	1464; 5185	71	1674; -307
34	1658; 5185	72	1512; -307
35	1852; 5185	73	1147; -307
36	2046; 5185	74	985; -307
37	2240; 5185	75	427; -307
38	2434; 5185	76	127; -262

## Die Specifications

	mils	mm	
<b>Die Size:</b>	240 x 140	6.090 x 3.560	<b>Back Side Metal:</b> None
<b>Die Thickness:</b>	20 ±1	0.50 ±0.02	<b>Back Side Potential:</b> V <sub>PP</sub>
<b>Bond Pad Size:</b>	4 x 4	0.10 x 0.10	<b>Die Attach Material:</b> Epoxy Ablestick 84-1 or Equal
<b>Bond Wire Size:</b>	1.3	0.03	<b>Bond Pad Metal:</b> Al/Si/Cu

### HV34-6in

#### Pad Function

1	V <sub>PP</sub>
2	HV <sub>OUT</sub> 64/1
3	HV <sub>OUT</sub> 63/2
4	HV <sub>OUT</sub> 62/3
5	HV <sub>OUT</sub> 61/4
6	HV <sub>OUT</sub> 60/5
7	HV <sub>OUT</sub> 59/6
8	HV <sub>OUT</sub> 58/7
9	HV <sub>OUT</sub> 57/8
10	HV <sub>OUT</sub> 56/9
11	HV <sub>OUT</sub> 55/10
12	HV <sub>OUT</sub> 54/11
13	HV <sub>OUT</sub> 53/12
14	HV <sub>OUT</sub> 52/13
15	HV <sub>OUT</sub> 51/14
16	HV <sub>OUT</sub> 50/15
17	HV <sub>OUT</sub> 49/16
18	HV <sub>OUT</sub> 48/17
19	HV <sub>OUT</sub> 47/18
20	HV <sub>OUT</sub> 46/19
21	HV <sub>OUT</sub> 45/20
22	HV <sub>OUT</sub> 44/21
23	HV <sub>OUT</sub> 43/22
24	HV <sub>OUT</sub> 42/23
25	HV <sub>OUT</sub> 41/24
26	HV <sub>OUT</sub> 40/25
27	HV <sub>OUT</sub> 39/26
28	HV <sub>OUT</sub> 38/27
29	HV <sub>OUT</sub> 37/28
30	HV <sub>OUT</sub> 36/29
31	HV <sub>OUT</sub> 35/30
32	HV <sub>OUT</sub> 34/31
33	HV <sub>OUT</sub> 33/32
34	HV <sub>OUT</sub> 32/33
35	HV <sub>OUT</sub> 31/34
36	HV <sub>OUT</sub> 30/35
37	HV <sub>OUT</sub> 29/36
38	HV <sub>OUT</sub> 28/37

#### Pad Function

39	HV <sub>OUT</sub> 27/38
40	HV <sub>OUT</sub> 26/39
41	HV <sub>OUT</sub> 25/40
42	HV <sub>OUT</sub> 24/41
43	HV <sub>OUT</sub> 23/42
44	HV <sub>OUT</sub> 22/43
45	HV <sub>OUT</sub> 21/44
46	HV <sub>OUT</sub> 20/45
47	HV <sub>OUT</sub> 19/46
48	HV <sub>OUT</sub> 18/47
49	HV <sub>OUT</sub> 17/48
50	HV <sub>OUT</sub> 16/49
51	HV <sub>OUT</sub> 15/50
52	HV <sub>OUT</sub> 14/51
53	HV <sub>OUT</sub> 13/52
54	HV <sub>OUT</sub> 12/53
55	HV <sub>OUT</sub> 11/54
56	HV <sub>OUT</sub> 10/55
57	HV <sub>OUT</sub> 9/56
58	HV <sub>OUT</sub> 8/57
59	HV <sub>OUT</sub> 7/58
60	HV <sub>OUT</sub> 6/59
61	HV <sub>OUT</sub> 5/60
62	HV <sub>OUT</sub> 4/61
63	HV <sub>OUT</sub> 3/62
64	HV <sub>OUT</sub> 2/63
65	HV <sub>OUT</sub> 1/64
66	V <sub>PP</sub>
67	D <sub>IO</sub>
68	LE
69	CLK
70	OGND
71	LGND
72	DIR
73	V <sub>DD</sub>
74	PL
75	BL
76	D <sub>IO</sub>

**Note:** Pad designation for DIR = H/L

Example: for DIR = H, Pad 2 is HV<sub>OUT</sub>64  
for DIR = L, Pad 2 is HV<sub>OUT</sub>1