



Pad Coordinates in Microns

1	0; 0	41	2798; 4204
2	0; 160	42	2872; 3520
3	0; 320	43	2872; 3360
4	0; 480	44	2872; 3200
5	0; 640	45	2872; 3040
6	0; 800	46	2872; 2880
7	0; 960	47	2872; 2720
8	0; 1120	48	2872; 2560
9	0; 1280	49	2872; 2400
10	0; 1440	50	2872; 2240
11	0; 1600	51	2872; 2080
12	0; 1760	52	2872; 1920
13	0; 1920	53	2872; 1760
14	0; 2080	54	2872; 1600
15	0; 2240	55	2872; 1440
16	0; 2400	56	2872; 1280
17	0; 2560	57	2872; 1120
18	0; 2720	58	2872; 960
19	0; 2880	59	2872; 800
20	0; 3040	60	2872; 640
21	0; 3200	61	2872; 480
22	0; 3360	62	2872; 320
23	0; 3520	63	2872; 160
24	78; 4204	64	2872; 0
25	238; 4204	65	2872; -218.5
26	398; 4204	66	2740; -537
27	558; 4204	67	2383; -713
28	718; 4204	68	2195; -713
29	878; 4204	69	2025; -713
30	1038; 4204	70	1843; -713
31	1198; 4204	71	1614.5; -713
32	1358; 4204	72	1386; -713
33	1518; 4204	73	1216; -713
34	1678; 4204	74	1046; -713
35	1838; 4204	75	840; -713
36	1998; 4204	76	670; -713
37	2158; 4204	77	472; -713
38	2318; 4204	78	302; -713
39	2478; 4204	79	132; -713
40	2638; 4204	80	132; -280

Die Specifications

	mils	mm		
Die Size:	215.8 x 125.2	5.480 x 3.180	Back Side Metal:	None
Die Thickness:	20 ±1	0.50 ±0.02	Back Side Potential:	V _{PP}
Bond Pad Size:	4 x 4	0.10 x 0.10	Die Attach Material:	Epoxy Ablestick 84-1 or equal
Bond Wire Size:	1.3	0.03	Bond Pad Metal:	Al/Si/Cu

HV577-6in

Pad	Function	Pad	Function	Pad	Function	Pad	Function
1	HV _{OUT} 1/64	21	HV _{OUT} 21/44	41	HV _{OUT} 41/24	61	HV _{OUT} 61/4
2	HV _{OUT} 2/63	22	HV _{OUT} 22/43	42	HV _{OUT} 42/23	62	HV _{OUT} 62/3
3	HV _{OUT} 3/62	23	HV _{OUT} 23/42	43	HV _{OUT} 43/22	63	HV _{OUT} 63/2
4	HV _{OUT} 4/61	24	HV _{OUT} 24/41	44	HV _{OUT} 44/21	64	HV _{OUT} 64/1
5	HV _{OUT} 5/60	25	HV _{OUT} 25/40	45	HV _{OUT} 45/20	65	V _{PP}
6	HV _{OUT} 6/59	26	HV _{OUT} 26/39	46	HV _{OUT} 46/19	66	D _{OUT} 1/D _{IN} 4 (B)
7	HV _{OUT} 7/58	27	HV _{OUT} 27/38	47	HV _{OUT} 47/18	67	D _{OUT} 2/D _{IN} 3 (B)
8	HV _{OUT} 8/57	28	HV _{OUT} 28/37	48	HV _{OUT} 48/17	68	D _{OUT} 3/D _{IN} 2 (B)
9	HV _{OUT} 9/56	29	HV _{OUT} 29/36	49	HV _{OUT} 49/16	69	D _{OUT} 4/D _{IN} 1 (B)
10	HV _{OUT} 10/55	30	HV _{OUT} 30/35	50	HV _{OUT} 50/15	70	POL
11	HV _{OUT} 11/54	31	HV _{OUT} 31/34	51	HV _{OUT} 51/14	71	GND
12	HV _{OUT} 12/53	32	HV _{OUT} 32/33	52	HV _{OUT} 52/13	72	DIR
13	HV _{OUT} 13/52	33	HV _{OUT} 33/32	53	HV _{OUT} 53/12	73	V _{DD}
14	HV _{OUT} 14/51	34	HV _{OUT} 34/31	54	HV _{OUT} 54/11	74	BL
15	HV _{OUT} 15/50	35	HV _{OUT} 35/30	55	HV _{OUT} 55/10	75	CLK
16	HV _{OUT} 16/49	36	HV _{OUT} 36/29	56	HV _{OUT} 56/9	76	LE
17	HV _{OUT} 17/48	37	HV _{OUT} 37/28	57	HV _{OUT} 57/8	77	D _{IN} 4/D _{OUT} 1 (A)
18	HV _{OUT} 18/47	38	HV _{OUT} 38/27	58	HV _{OUT} 58/7	78	D _{IN} 3/D _{OUT} 2 (A)
19	HV _{OUT} 19/46	39	HV _{OUT} 39/26	59	HV _{OUT} 59/6	79	D _{IN} 2/D _{OUT} 3 (A)
20	HV _{OUT} 20/45	40	HV _{OUT} 40/25	60	HV _{OUT} 60/5	80	D _{IN} 1/D _{OUT} 4 (A)

HV579-6in

Pad	Function	Pad	Function	Pad	Function	Pad	Function
1	HV _{OUT} 1/64	21	HV _{OUT} 21/44	41	HV _{OUT} 41/24	61	HV _{OUT} 61/4
2	HV _{OUT} 2/63	22	HV _{OUT} 22/43	42	HV _{OUT} 42/23	62	HV _{OUT} 62/3
3	HV _{OUT} 3/62	23	HV _{OUT} 23/42	43	HV _{OUT} 43/22	63	HV _{OUT} 63/2
4	HV _{OUT} 4/61	24	HV _{OUT} 24/41	44	HV _{OUT} 44/21	64	HV _{OUT} 64/1
5	HV _{OUT} 5/60	25	HV _{OUT} 25/40	45	HV _{OUT} 45/20	65	V _{PP}
6	HV _{OUT} 6/59	26	HV _{OUT} 26/39	46	HV _{OUT} 46/19	66	NC
7	HV _{OUT} 7/58	27	HV _{OUT} 27/38	47	HV _{OUT} 47/18	67	NC
8	HV _{OUT} 8/57	28	HV _{OUT} 28/37	48	HV _{OUT} 48/17	68	NC
9	HV _{OUT} 9/56	29	HV _{OUT} 29/36	49	HV _{OUT} 49/16	69	D _{IOB}
10	HV _{OUT} 10/55	30	HV _{OUT} 30/35	50	HV _{OUT} 50/15	70	POL
11	HV _{OUT} 11/54	31	HV _{OUT} 31/34	51	HV _{OUT} 51/14	71	GND
12	HV _{OUT} 12/53	32	HV _{OUT} 32/33	52	HV _{OUT} 52/13	72	DIR
13	HV _{OUT} 13/52	33	HV _{OUT} 33/32	53	HV _{OUT} 53/12	73	V _{DD}
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17	HV _{OUT} 17/48	37	HV _{OUT} 37/28	57	HV _{OUT} 57/8	77	NC
18	HV _{OUT} 18/47	38	HV _{OUT} 38/27	58	HV _{OUT} 58/7	78	NC
19	HV _{OUT} 19/46	39	HV _{OUT} 39/26	59	HV _{OUT} 59/6	79	NC
20	HV _{OUT} 20/45	40	HV _{OUT} 40/25	60	HV _{OUT} 60/5	80	D _{IOA}

Note:

Pad designation for DIR = H/L

Example: for DIR = H, Pad 1 is HV_{OUT}1
for DIR = L, Pad 1 is HV_{OUT}64

12/17/02