



**Pad Coordinates in Microns**

1	0; 0	39	2036; 5345
2	0; 160	40	2212; 5345
3	0; 323	41	2388; 5345
4	0; 499	42	2488; 4547
5	0; 675	43	2488; 4371
6	0; 851	44	2488; 4195
7	0; 1027	45	2488; 4019
8	0; 1203	46	2488; 3843
9	0; 1379	47	2488; 3667
10	0; 1555	48	2488; 3491
11	0; 1731	49	2488; 3315
12	0; 1907	50	2488; 3139
13	0; 2083	51	2488; 2963
14	0; 2259	52	2488; 2787
15	0; 2435	53	2488; 2611
16	0; 2611	54	2488; 2435
17	0; 2787	55	2488; 2259
18	0; 2963	56	2488; 2083
19	0; 3139	57	2488; 1907
20	0; 3315	58	2488; 1731
21	0; 3491	59	2488; 1555
22	0; 3667	60	2488; 1379
23	0; 3843	61	2488; 1203
24	0; 4019	62	2488; 1027
25	0; 4195	63	2488; 851
26	0; 4371	64	2488; 675
27	0; 4547	65	2488; 499
28	100; 5345	66	2488; 323
29	276; 5345	67	2488; 160
30	452; 5345	68	2488; 0
31	628; 5345	69	2229; -266
32	804; 5345	70	1739; -266
33	980; 5345	71	1579; -266
34	1156; 5345	72	1396; -266
35	1332; 5345	73	1213; -266
36	1508; 5345	74	909; -266
37	1684; 5345	75	749; -266
38	1860; 5345	76	259; -266

**Die Specifications**

	mils	mm		
<b>Die Size:</b>	111 x 242	2.819 x 6.147	<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 LMIS
<b>Bond Wire Size:</b>	1.3	0.03	<b>Bond Pad Metal:</b>	Al/Si/Cu

#### HV507-6in 64 Pin Gullwing Package

Pad	Function		
1	D <sub>IOA</sub>	39	HV <sub>OUT28</sub>
2	V <sub>FP</sub>	40	HV <sub>OUT27</sub>
3	HV <sub>OUT64</sub>	41	HV <sub>OUT26</sub>
4	HV <sub>OUT63</sub>	42	HV <sub>OUT25</sub>
5	HV <sub>OUT62</sub>	43	HV <sub>OUT24</sub>
6	HV <sub>OUT61</sub>	44	HV <sub>OUT23</sub>
7	HV <sub>OUT60</sub>	45	HV <sub>OUT22</sub>
8	HV <sub>OUT59</sub>	46	HV <sub>OUT21</sub>
9	HV <sub>OUT58</sub>	47	HV <sub>OUT20</sub>
10	HV <sub>OUT57</sub>	48	HV <sub>OUT19</sub>
11	HV <sub>OUT56</sub>	49	HV <sub>OUT18</sub>
12	HV <sub>OUT55</sub>	50	HV <sub>OUT17</sub>
13	HV <sub>OUT54</sub>	51	HV <sub>OUT16</sub>
14	HV <sub>OUT53</sub>	52	HV <sub>OUT15</sub>
15	HV <sub>OUT52</sub>	53	HV <sub>OUT14</sub>
16	HV <sub>OUT51</sub>	54	HV <sub>OUT13</sub>
17	HV <sub>OUT50</sub>	55	HV <sub>OUT12</sub>
18	HV <sub>OUT49</sub>	56	HV <sub>OUT11</sub>
19	HV <sub>OUT48</sub>	57	HV <sub>OUT10</sub>
20	HV <sub>OUT47</sub>	58	HV <sub>OUT9</sub>
21	HV <sub>OUT46</sub>	59	HV <sub>OUT8</sub>
22	HV <sub>OUT45</sub>	60	HV <sub>OUT7</sub>
23	HV <sub>OUT44</sub>	61	HV <sub>OUT6</sub>
24	HV <sub>OUT43</sub>	62	HV <sub>OUT5</sub>
25	HV <sub>OUT42</sub>	63	HV <sub>OUT4</sub>
26	HV <sub>OUT41</sub>	64	HV <sub>OUT3</sub>
27	HV <sub>OUT40</sub>	65	HV <sub>OUT2</sub>
28	HV <sub>OUT39</sub>	66	HV <sub>OUT1</sub>
29	HV <sub>OUT38</sub>	67	V <sub>FP</sub>
30	HV <sub>OUT37</sub>	68	D <sub>IOB</sub>
31	HV <sub>OUT36</sub>	69	LE
32	HV <sub>OUT35</sub>	70	CLK
33	HV <sub>OUT34</sub>	71	HVGND
34	HV <sub>OUT33</sub>	72	GND
35	HV <sub>OUT32</sub>	73	DIR
36	HV <sub>OUT31</sub>	74	V <sub>DD</sub>
37	HV <sub>OUT30</sub>	75	POL
38	HV <sub>OUT29</sub>	76	BL