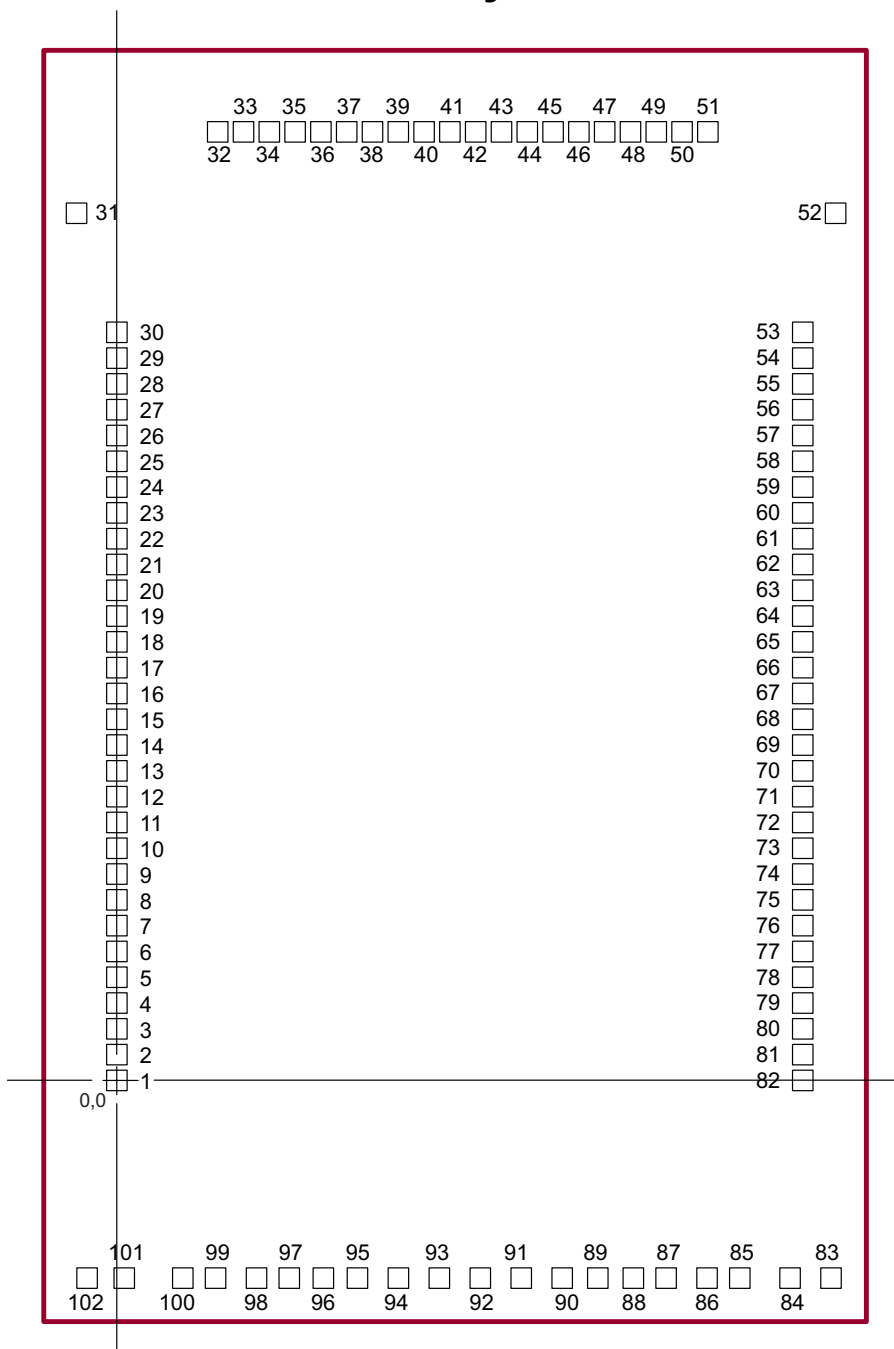


Pad Layout



Die Specifications

Die Dimensions (mils)			Die Dimensions (µm)			Back Side Metal	Back Side	Bonding Pad Material
Length ¹	Width ¹	Thickness ²	Length ¹	Width ¹	Thickness ²			
156.3	243.7	19 - 21	6190	3970	480 - 711	None	VPP	Al/Cu/Si

Notes:

1. Maximum values.
2. Contact factory for pricing and availability for other die thickness.

HV574 Die Specification

Pad Descriptions

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
1	HV_OUT01	0	0	100	100
2	HV_OUT02	0	126	100	100
3	HV_OUT03	0	252	100	100
4	HV_OUT04	0	378	100	100
5	HV_OUT05	0	504	100	100
6	HV_OUT06	0	630	100	100
7	HV_OUT07	0	756	100	100
8	HV_OUT08	0	882	100	100
9	HV_OUT09	0	1008	100	100
10	HV_OUT10	0	1134	100	100
11	HV_OUT11	0	1280	100	100
12	HV_OUT12	0	1386	100	100
13	HV_OUT13	0	1512	100	100
14	HV_OUT14	0	1638	100	100
15	HV_OUT15	0	1764	100	100
16	HV_OUT16	0	1890	100	100
17	HV_OUT17	0	2016	100	100
18	HV_OUT18	0	2142	100	100
19	HV_OUT19	0	2268	100	100
20	HV_OUT20	0	2394	100	100
21	HV_OUT21	0	2520	100	100
22	HV_OUT22	0	2646	100	100
23	HV_OUT23	0	2772	100	100
24	HV_OUT24	0	2898	100	100
25	HV_OUT25	0	3024	100	100
26	HV_OUT26	0	3150	100	100
27	HV_OUT27	0	3276	100	100
28	HV_OUT28	0	3402	100	100
29	HV_OUT29	0	3528	100	100
30	HV_OUT30	0	3654	100	100
31	VPP	-197	4235.5	100	100
32	HV_OUT31	492.5	4633	100	100
33	HV_OUT32	618.5	4633	100	100
34	HV_OUT33	744.5	4633	100	100
35	HV_OUT34	870.5	4633	100	100
36	HV_OUT35	996.5	4633	100	100
37	HV_OUT36	1122.5	4633	100	100
38	HV_OUT37	1248.5	4633	100	100
39	HV_OUT38	1374.5	4633	100	100
40	HV_OUT39	1500.5	4633	100	100

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
41	HV_OUT40	1626.5	4633	100	100
42	HV_OUT41	1752.5	4633	100	100
43	HV_OUT42	1878.5	4633	100	100
44	HV_OUT43	2004.5	4633	100	100
45	HV_OUT44	2130.5	4633	100	100
46	HV_OUT45	2256.5	4633	100	100
47	HV_OUT46	2382.5	4633	100	100
48	HV_OUT47	2508.5	4633	100	100
49	HV_OUT48	2634.5	4633	100	100
50	HV_OUT49	2760.5	4633	100	100
51	HV_OUT50	2886.5	4633	100	100
52	VPP	3510.5	4235.5	100	100
53	HV_OUT51	3350	3654	100	100
54	HV_OUT52	3350	3528	100	100
55	HV_OUT53	3350	3402	100	100
56	HV_OUT54	3350	3276	100	100
57	HV_OUT55	3350	3150	100	100
58	HV_OUT56	3350	3024	100	100
59	HV_OUT57	3350	2898	100	100
60	HV_OUT58	3350	2772	100	100
61	HV_OUT59	3350	2646	100	100
62	HV_OUT60	3350	2520	100	100
63	HV_OUT61	3350	2394	100	100
64	HV_OUT62	3350	2268	100	100
65	HV_OUT63	3350	2142	100	100
66	HV_OUT64	3350	2016	100	100
67	HV_OUT65	3350	1890	100	100
68	HV_OUT66	3350	1764	100	100
69	HV_OUT67	3350	1638	100	100
70	HV_OUT68	3350	1512	100	100
71	HV_OUT69	3350	1386	100	100
72	HV_OUT70	3350	1260	100	100
73	HV_OUT71	3350	1134	100	100
74	HV_OUT72	3350	1008	100	100
75	HV_OUT73	3350	882	100	100
76	HV_OUT74	3350	756	100	100
77	HV_OUT75	3350	630	100	100
78	HV_OUT76	3350	504	100	100
79	HV_OUT77	3350	378	100	100
80	HV_OUT78	3350	252	100	100

Note:

3. Pad position is referenced to center of pad.

HV574 Die Specification

Pad Descriptions (cont.)

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
81	HV _{OUT} 79	3350	126	100	100
82	HV _{OUT} 80	3350	0	100	100
83	VPP	3488	-695.5	100	100
84	HVGND	3288	-695.5	100	100
85	D _{OUT} A	3042.5	-695.5	100	100
86	D _{OUT} B	2882.5	-695.5	100	100
87	D _{OUT} C	2682.5	-695.5	100	100
88	D _{OUT} D	2522.5	-695.5	100	100
89	GND	2349	-695.5	100	100
90	BL	2175	-695.5	100	100
91	DIR	1975	-695.5	100	100
92	RESET	1775	-695.5	100	100

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
93	CLK	1575	-695.5	100	100
94	LE	1375	-695.5	100	100
95	POL	1175	-695.5	100	100
96	VDD	1008.5	-695.5	100	100
97	D _{IN} D	842	-695.5	100	100
98	D _{IN} C	682	-695.5	100	100
99	D _{IN} B	482	-695.5	100	100
100	D _{IN} A	322	-695.5	100	100
101	HVGND	36	-695.5	100	100
102	VPP	-145.5	-695.5	100	100

Note:

3. Pad position is referenced to center of pad.

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