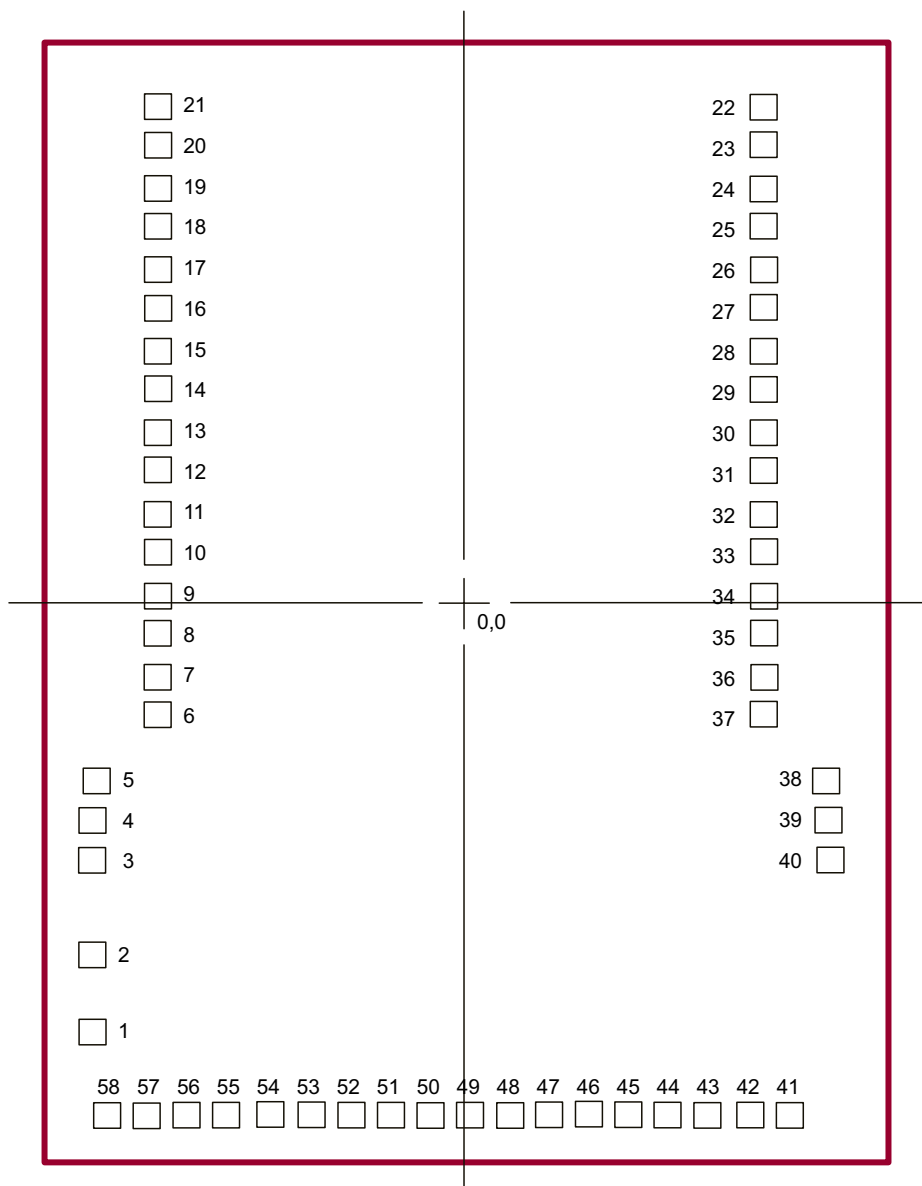


Pad Layout



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			
184	128	19 - 28	4680	3260	480 - 711	None	VPP	Al/Cu/Si

Notes:

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

HV633 Die Specification

Pad Descriptions

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
1	AVDD	-1482.5	-1813	100	100
2	No Connect ⁴	-1470.5	-1540.5	100	100
3	VPP	-1482.5	-1119	100	100
4	VR	-1482.5	-959	100	100
5	HVGND	-1482.5	-799	100	100
6	HV _{OUT} 16	-1228	-530	100	95
7	HV _{OUT} 15	-1228	-377.5	100	95
8	HV _{OUT} 14	-1228	-200	100	95
9	HV _{OUT} 13	-1228	-47.5	100	95
10	HV _{OUT} 12	-1228	130	100	95
11	HV _{OUT} 11	-1228	282.5	100	95
12	HV _{OUT} 10	-1228	460	100	95
13	HV _{OUT} 9	-1228	612.5	100	95
14	HV _{OUT} 8	-1228	790	100	95
15	HV _{OUT} 7	-1228	942.5	100	95
16	HV _{OUT} 6	-1228	1120	100	95
17	HV _{OUT} 5	-1228	1272.5	100	95
18	HV _{OUT} 4	-1228	1450	100	95
19	HV _{OUT} 3	-1228	1602.5	100	95
20	HV _{OUT} 2	-1228	1780	100	95
21	HV _{OUT} 1	-1228	1932.5	100	95
22	HV _{OUT} 32	1225.5	1932.5	100	95
23	HV _{OUT} 31	1225.5	1780	100	95
24	HV _{OUT} 30	1225.5	1602.5	100	95
25	HV _{OUT} 29	1225.5	1450	100	95
26	HV _{OUT} 28	1225.5	1272.5	100	95
27	HV _{OUT} 27	1225.5	1120	100	95
28	HV _{OUT} 26	1225.5	942.5	100	95
29	HV _{OUT} 25	1225.5	790	100	95
30	HV _{OUT} 24	1225.5	612.5	100	95

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
31	HV _{OUT} 23	1225.5	460	100	95
32	HV _{OUT} 22	1225.5	282.5	100	95
33	HV _{OUT} 21	1225.5	130	100	95
34	HV _{OUT} 20	1225.5	-47.5	100	95
35	HV _{OUT} 19	1225.5	-200	100	95
36	HV _{OUT} 18	1225.5	-377.5	100	95
37	HV _{OUT} 17	1225.5	-530	100	95
38	HVGND	1476	-797	100	100
39	VR	1486.5	-957	100	100
40	VPP	1485	-1117	100	100
41	CSO	1329.5	-2151	100	100
42	CC	1169.5	-2151	100	100
43	LC	995.5	-2151	100	100
44	LVGND	835.5	-2151	100	100
45	D1	675.5	-2151	100	100
46	D2	515.5	-2151	100	100
47	D3	355.5	-2151	100	100
48	D4	195.5	-2151	100	100
49	D5	35.5	-2151	100	100
50	D6	-124.5	-2151	100	100
51	D7	-284.5	-2151	100	100
52	VDD	-446.5	-2151	100	100
53	DIR	-606.5	-2151	100	100
54	LVGND	-774	-2151	100	100
55	SC	-953.5	-2151	100	100
56	RCTL	-4443.5	-2151	100	100
57	VCTL	-1273.5	-2151	100	100
58	CSI	-1433.5	-2151	100	100

Notes:

3. Pad position is referenced to center of pad.
4. Do not connect.

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