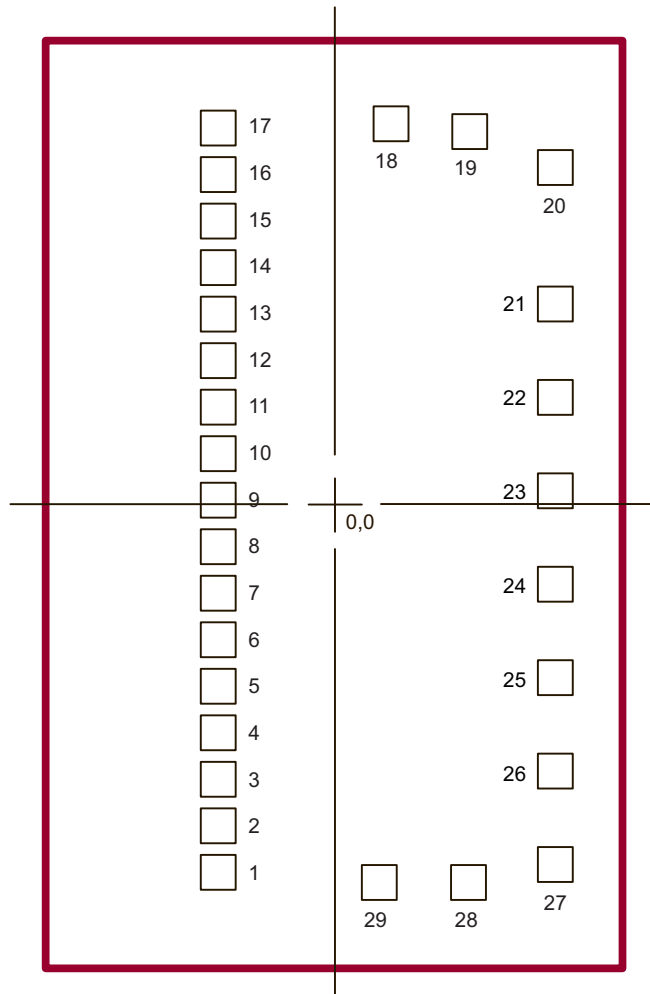


Pad Layout



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			
94	58	19 - 28	2390	1480	480 - 711	None	VPP	Al/Cu/Si

Notes:

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

HV509 Die Specification

Pad Descriptions

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
1	HV _{OUT} 01	-302.7	-947.2	90	90
2	HV _{OUT} 02	-302.7	-827.2	90	90
3	HV _{OUT} 03	-302.7	-707.2	90	90
4	HV _{OUT} 04	-302.7	-587.2	90	90
5	HV _{OUT} 05	-302.7	-467.2	90	90
6	HV _{OUT} 06	-302.7	-347.2	90	90
7	HV _{OUT} 07	-302.7	-227.2	90	90
8	HV _{OUT} 08	-302.7	-107.2	90	90
9	HV _{OUT} 09	-302.7	12.8	90	90
10	HV _{OUT} 10	-302.7	132.8	90	90
11	HV _{OUT} 11	-302.7	252.8	90	90
12	HV _{OUT} 12	-302.7	372.8	90	90
13	HV _{OUT} 13	-302.7	492.8	90	90
14	HV _{OUT} 14	-302.7	612.8	90	90
15	HV _{OUT} 15	-302.7	732.8	90	90
16	HV _{OUT} 16	-302.7	852.8	90	90

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
17	BP	-302.7	972.8	90	90
18	HVGND	346.1	983.8	90	90
19	VBIAS	566.9	963.7	90	90
20	D _{IO} B	566.9	871	90	90
21	BL	566.9	518.9	90	90
22	LE	566.9	278	90	90
23	POL	566.9	37	90	90
24	VDD	566.9	-204	90	90
25	CLK	566.9	-445	90	90
26	DIR	566.9	-686	90	90
27	D _{IO} A	566.9	-927	90	90
28	GND	342.9	-973.4	90	90
29	VPP	112.8	-973.4	90	90

Note:

3. Position referenced to center of pad.

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