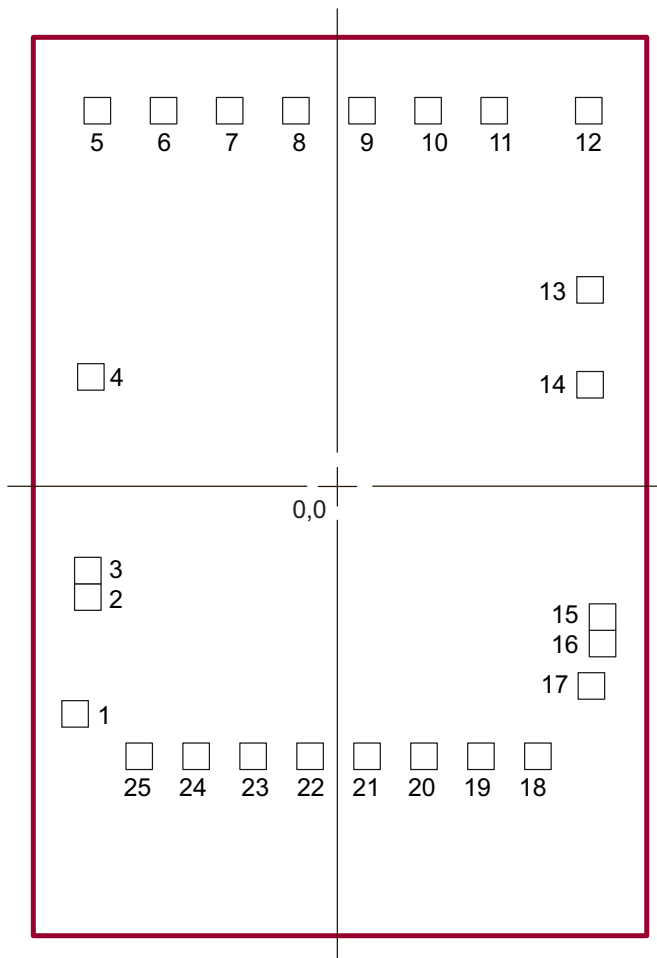


Pad Layout



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			
134	91	19 - 28	3400	2310	480 - 711	None	VPP	Al/Cu/Si

Notes:

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

HV514 Die Specification

Pad Descriptions

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
1	HV _{OUT} 1	-999.5	-853	100	100
2	HVGND	-951.5	-412	100	100
3	HVGND	-951.5	-312	100	100
4	GND	-940	419	100	100
5	DIN	-915.5	1424	100	100
6	nHIZ	-665.5	1424	100	100
7	SHORT	-416	1424	100	100
8	LE	-166	1424	100	100
9	CLK	83.5	1424	100	100
10	SEL	333	1424	100	100
11	nPOL	582.5	1424	100	100
12	BL	939.5	1424	100	100
13	DOUT	944.5	747.5	100	100

Pad #	Function	x-position ³ (μm)	y-position ³ (μm)	x-size (μm)	y-size (μm)
14	VDD	944.5	389.5	100	100
15	No Connect ⁴	991.5	-487.5	100	100
16	VPP	991.5	-587.5	100	100
17	HV _{OUT} 8	949.5	-747.5	100	100
18	HV _{OUT} 8	747.5	-1013	100	100
19	HV _{OUT} 7	532.5	-1013	100	100
20	HV _{OUT} 6	317.5	-1013	100	100
21	HV _{OUT} 5	102.5	-1013	100	100
22	HV _{OUT} 4	-112.5	-1013	100	100
23	HV _{OUT} 3	-327.5	-1013	100	100
24	HV _{OUT} 2	-542.5	-1013	100	100
25	HV _{OUT} 1	-757.5	-1013	100	100

Notes:

3. Position referenced to center of pad.
4. Do not connect.

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