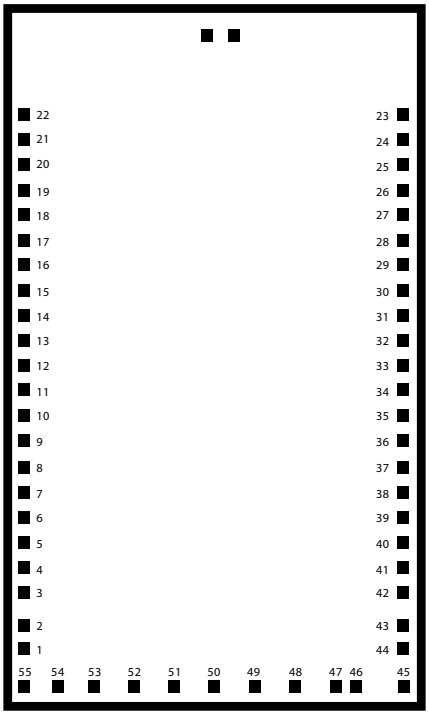

Pad Coordinates in Microns

1	0; 0	20	-14; 3759	39	3168; 1015
2	0; 171.5	21	-14; 3949	40	3168; 813
3	-14; 421	22	-14; 4151	41	3168; 623
4	-14; 623	23	3168; 4151	42	3168; 421
5	-14; 813	24	3168; 3949	43	3154; 168
6	-14; 1015	25	3168; 3759	44	3154; 1
7	-14; 1205	26	3168; 3557	45	3154; -274.5
8	-14; 1407	27	3168; 3367	46	2736; -274.5
9	-14; 1597	28	3168; 3165	47	2521; -274.5
10	-14; 1799	29	3168; 2975	48	2207.5; -274.5
11	-14; 1989	30	3168; 2773	49	1893.5; -274.5
12	-14; 2191	31	3168; 2583	50	1579.5; -274.5
13	-14; 2381	32	3168; 2381	51	1265.5; -274.5
14	-14; 2583	33	3168; 2191	52	951.5; -274.5
15	-14; 2773	34	3168; 1989	53	655; -274.5
16	-14; 2975	35	3168; 1799	54	360.5; -274.5
17	-14; 3165	36	3168; 1597	55	0; -274.5
18	-14; 3367	37	3168; 1407		
19	-14; 3557	38	3168; 1205		

HV7224

Pad	Function	Pad	Function	Pad	Function	Pad	Function
1	GND (Power)	16	HV_{OUT}7/34	31	HV_{OUT}32/9	46	V_{DD}
2	V_{PP}	17	HV_{OUT}6/35	32	HV_{OUT}31/10	47	$\overline{POL}$
3	HV_{OUT}20/21	18	HV_{OUT}5/36	33	HV_{OUT}30/11	48	$\overline{OE}$
4	HV_{OUT}19/22	19	HV_{OUT}4/37	34	HV_{OUT}29/12	49	DR_{IOB}
5	HV_{OUT}18/23	20	HV_{OUT}3/38	35	HV_{OUT}28/13	50	DR_{IOA}
6	HV_{OUT}17/24	21	HV_{OUT}2/39	36	HV_{OUT}27/14	51	SHIFT
7	HV_{OUT}16/25	22	HV_{OUT}1/40	37	HV_{OUT}26/15	52	CLK
8	HV_{OUT}15/26	23	HV_{OUT}40/1	38	HV_{OUT}25/16	53	V_{DD}
9	HV_{OUT}14/27	24	HV_{OUT}39/2	39	HV_{OUT}24/17	54	DIR
10	HV_{OUT}13/28	25	HV_{OUT}38/3	40	HV_{OUT}23/18	55	GND (Logic)
11	HV_{OUT}12/29	26	HV_{OUT}37/4	41	HV_{OUT}22/19		
12	HV_{OUT}11/30	27	HV_{OUT}36/5	42	HV_{OUT}21/20		
13	HV_{OUT}10/31	28	HV_{OUT}35/6	43	V_{PP}		
14	HV_{OUT}9/32	29	HV_{OUT}34/7	44	GND (Power)		
15	HV_{OUT}8/33	30	HV_{OUT}33/8	45	GND (Logic)		

Note:
Pad designation for DIR = H/L
Example: for DIR = H, Pad 3 is HV_{OUT}20
for DIR = L, Pad 3 is HV_{OUT}21

Die Specifications

	mils	mm	
Die Size:	223.23 x 139.37	5.670 x 3.540	Back Side Metal: None
Die Thickness:	20 ±1	0.50 ±0.02	Back Side Potential: V_{PP}
Bond Pad Size:	4 x 4	0.10 x 0.10	Die Attach Material: Ablestick 84-1 or equal
Bond Wire Size:	1.3	0.03	Bond Pad Metal: Al/Si/Cu

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