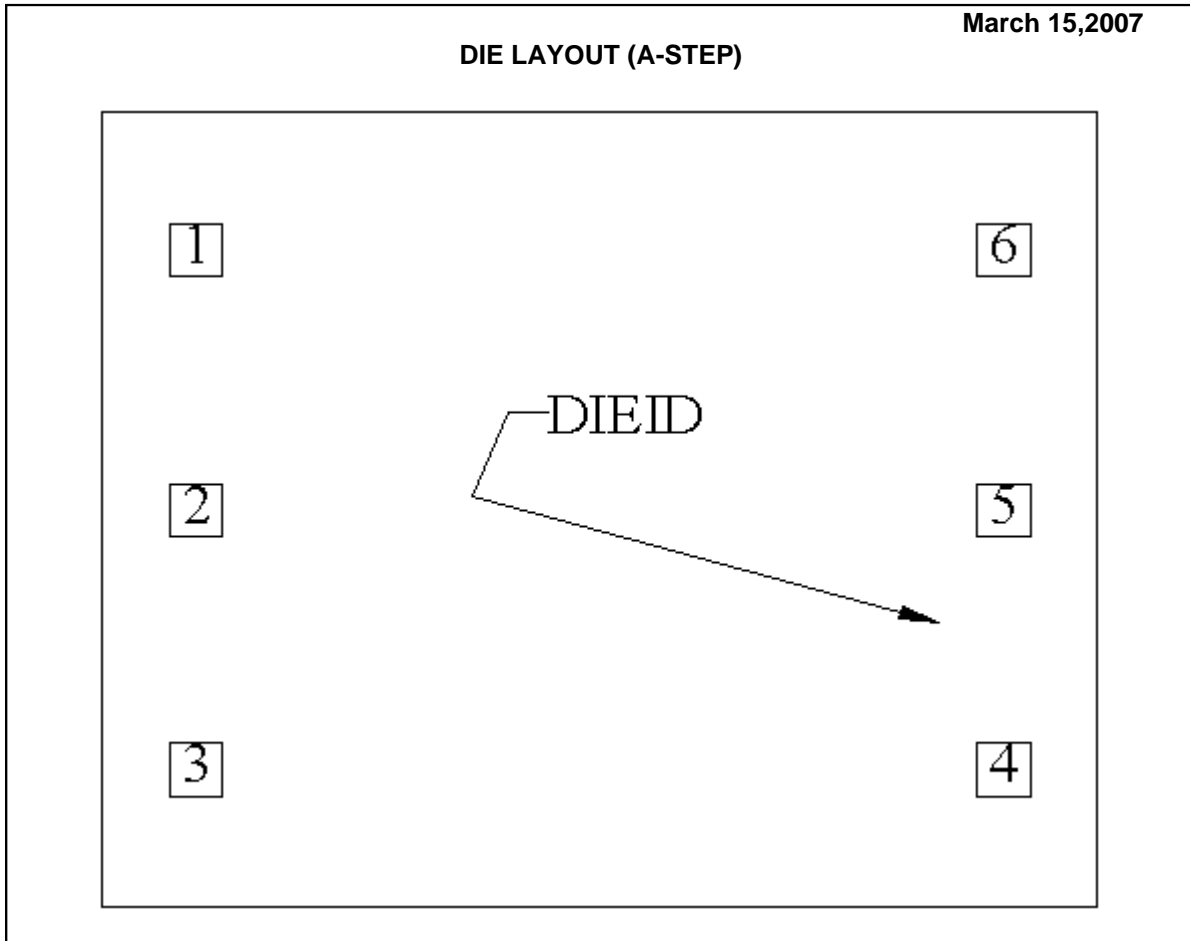


**LM71A MDA MCD2190A**  
**+1.5°C ACCURACY, SPI DIGITAL INTERFACE**



**DIE/WAFER CHARACTERISTICS**

Fabrication Attributes		General Die Information	
Physical Die Identification	LM71A	Bond Pad Opening Size (min)	68μm x 68μm
Die Step	A	Bond Pad Metalization	Al_ 0.5%Cu
Physical Attributes		Passivation	NITRIDE
Wafer Diameter	200mm	Back Side Metal	BARE BACK
Die Size (Drawn)	1270μm x 1016μm 50.0mils x 40.0mils	Back Side Connection	GND
Thickness	254μm Nominal		
Min Pitch	332μm Nominal		

**Special Assembly Requirements:**

**Note: Actual die size is rounded to the nearest micron.**

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Die Bond Pad Coordinate Locations (A -Step)

(Referenced to die center, coordinates in  $\mu\text{m}$ ) **NC** = No Connection, **N.U.** = Not Used

SIGNAL NAME	PAD# NUMBER	XY COORDINATES		PAD SIZE		
		X	Y	X	Y	
CS/	1	-516	332	68	x	68
GND	2	-516	0	68	x	68
V+	3	-516	-332	68	x	68
SC	4	516	-332	68	x	68
GND	5	516	0	68	x	68
SIO	6	516	332	68	x	68

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