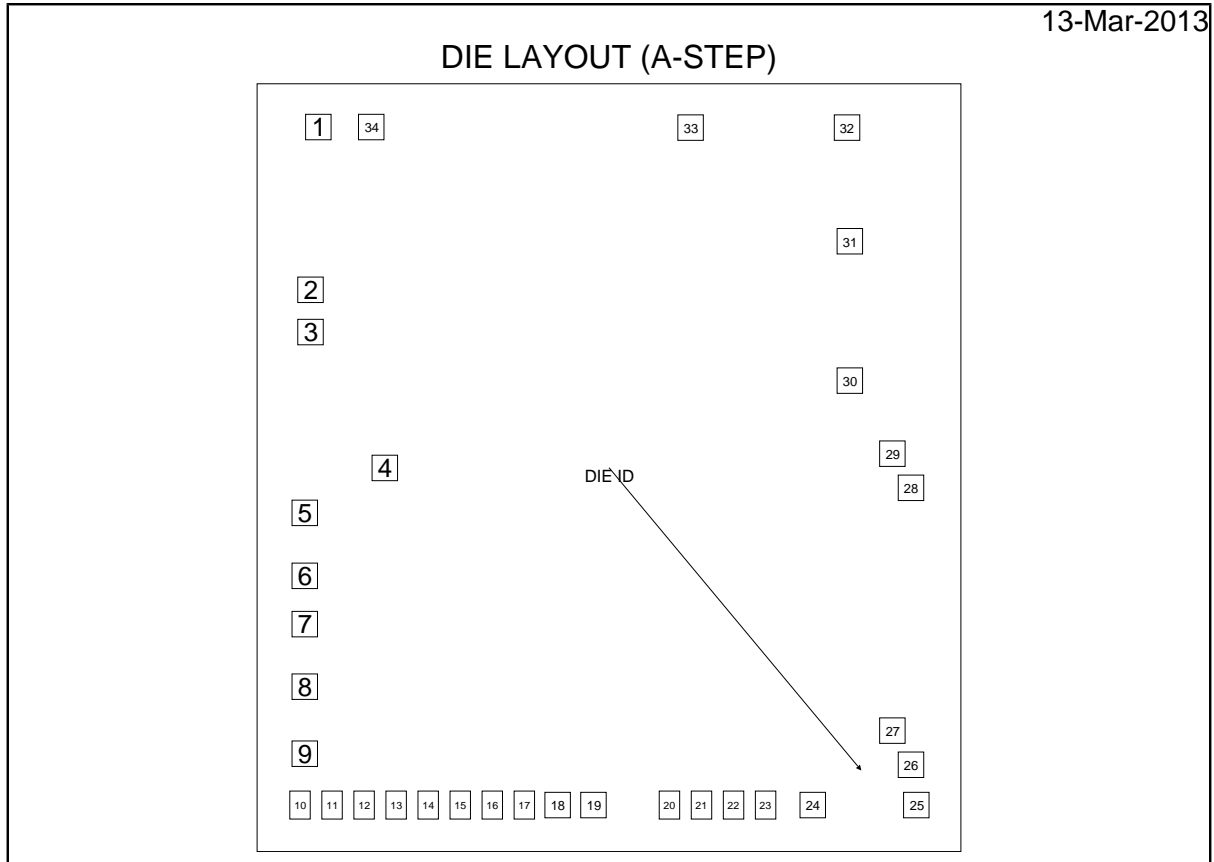


LM5575Q0-MDC MWC
SIMPLE SWITCHER® 75V, 1.5A STEP-DOWN SWITCHING REGULATOR



DIE/WAFER CHARACTERISTICS

Fabrication Attributes		General Die Information	
Physical Die Identification	LM5575A	Bond Pad Opening Size (min)	91.00µm x 91.00µm
Die Step	A	Bond Pad Metalization	AL 0.5%CU
Physical Attributes		Passivation	PECVDOX NITRIDE
Wafer Diameter	152.4mm	Back Side Metal	BAREBACK
Die Size (Drawn)	2514.60µm x 2743.20µm 99.0mils x 108.0mils	Back Side Connection	Floating
Thickness	254µm Nominal		
Min Pitch	128.00µm		

Note: All values are rounded to the nearest micron.

Special Assembly Requirements:

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Die Bond Pad Coordinate Locations(A-Step)						
(Referenced to die center, coordinates in μm) NC = No Connection, N.U. = Not Used						
Signal Name	Pad Number	X/Y Coordinates		Pad Size		
		X	Y	X	Y	
SD	1	-1038.50	1217.00	91.00	x	91.00
VIN	2	-1066.50	635.50	91.00	x	91.00
VIN	3	-1066.50	484.50	91.00	x	91.00
VIN	4	-801.00	-1.00	91.00	x	91.00
SYNC	5	-1087.00	-161.50	91.00	x	91.00
COMP	6	-1087.00	-386.50	91.00	x	91.00
FB	7	-1087.00	-559.00	91.00	x	91.00
RT	8	-1087.00	-782.50	91.00	x	91.00
RAMP	9	-1087.00	-1022.00	91.00	x	91.00
NC	10	-1104.00	-1205.50	73.00	x	100.00
NC	11	-989.50	-1205.50	73.00	x	100.00
NC	12	-875.00	-1205.50	73.00	x	100.00
NC	13	-760.50	-1205.50	73.00	x	100.00
NC	14	-646.00	-1205.50	73.00	x	100.00
NC	15	-531.50	-1205.50	73.00	x	100.00
NC	16	-417.00	-1205.50	73.00	x	100.00
NC	17	-302.50	-1205.50	73.00	x	100.00
AGND	18	-183.50	-1205.50	91.00	x	91.00
AGND	19	-55.50	-1205.50	91.00	x	91.00
NC	20	216.00	-1205.50	73.00	x	100.00
NC	21	330.50	-1205.50	73.00	x	100.00
NC	22	445.00	-1205.50	73.00	x	100.00
NC	23	559.50	-1205.50	73.00	x	100.00
SS	24	728.00	-1205.50	91.00	x	91.00
OUT	25	1098.00	-1205.50	91.00	x	91.00
PGND	26	1079.00	-1061.50	91.00	x	91.00
PGND	27	1012.50	-939.50	91.00	x	91.00
IS	28	1079.00	-72.00	91.00	x	91.00
IS	29	1012.50	50.00	91.00	x	91.00
SW	30	860.50	311.00	91.00	x	91.00
SW	31	860.50	809.00	91.00	x	91.00
PRE	32	850.50	1215.00	91.00	x	91.00
BST	33	291.50	1215.00	91.00	x	91.00
VCC	34	-849.50	1217.00	91.00	x	91.00

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