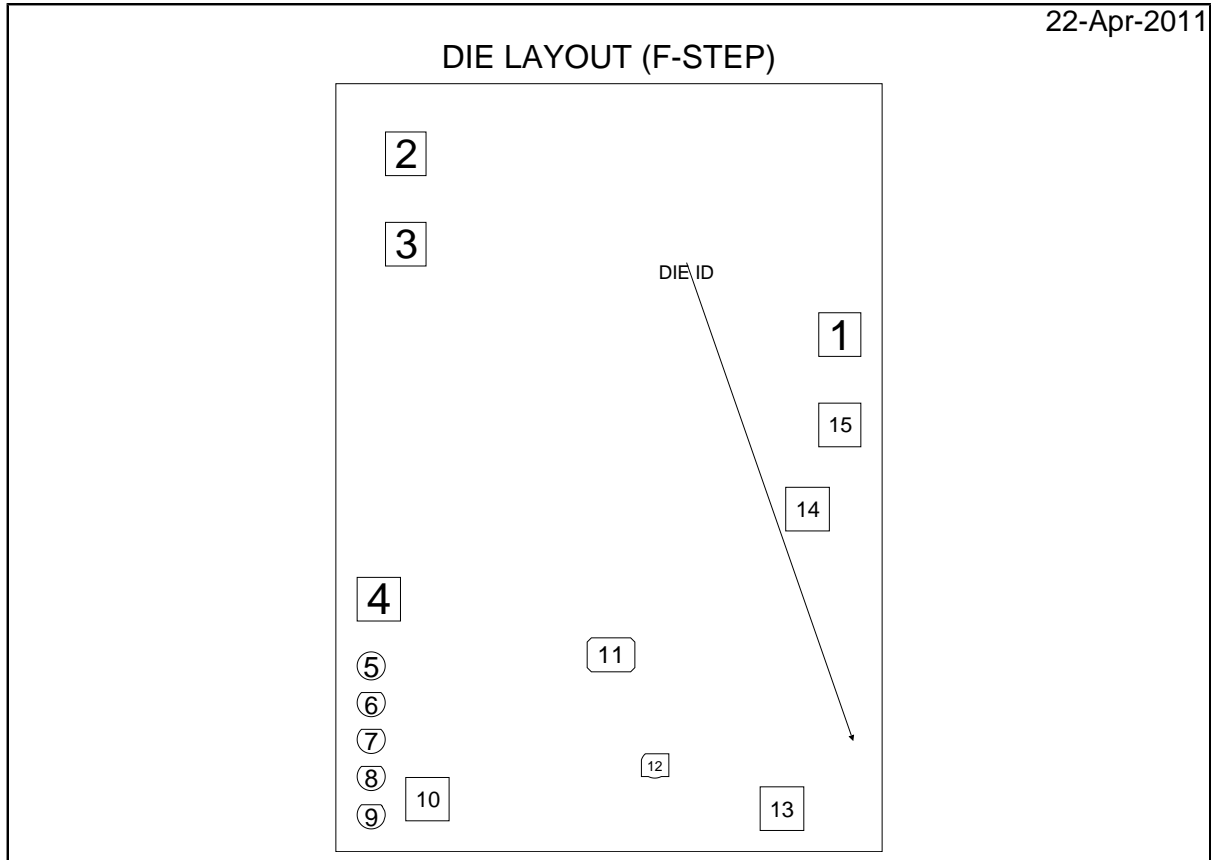


LM2940-5.0-MD8
1A LOW DROPOUT ADJUSTABLE REGULATOR



DIE/WAFER CHARACTERISTICS

| Fabrication Attributes | | General Die Information | |
|-----------------------------|--|-----------------------------|---------------------|
| Physical Die Identification | LM1940F | Bond Pad Opening Size (min) | 130.00µm x 140.00µm |
| Die Step | F | Bond Pad Metalization | AL 0.5%CU |
| Physical Attributes | | Passivation | PECVDON NITRIDE |
| Wafer Diameter | 152.4mm | Back Side Metal | Bare Back |
| Die Size (Drawn) | 1752.6µm x 2463.8µm 69.0mils x 97.0mils | Back Side Connection | GND |
| Thickness | 304.8µm Nominal | | |
| Min Pitch | 290.00µm | | |

Note: All values are rounded to the nearest micron.

Special Assembly Requirements:

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| Die Bond Pad Coordinate Locations(F-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 | |
| VIN | 1 | 741 | 427 | 135 | x | 140 |
| OUTPUT | 2 | -652 | 1007 | 130 | x | 140 |
| OUTPUT | 3 | -652 | 717 | 130 | x | 140 |
| OUTPUT | 4 | -739 | -422 | 139 | x | 140 |
| NC | 5 | -763 | -636 | 90 | x | 90 |
| NC | 6 | -763 | -760 | 90 | x | 78 |
| NC | 7 | -763 | -878 | 90 | x | 78 |
| NC | 8 | -763 | -997 | 90 | x | 78 |
| NC | 9 | -763 | -1120 | 90 | x | 78 |
| GND | 10 | -583 | -1064 | 139 | x | 139 |
| NC | 11 | 7 | -601 | 153 | x | 109 |
| NC | 12 | 148 | -957 | 88 | x | 78 |
| NC | 13 | 555 | -1094 | 140 | x | 140 |
| GND | 14 | 637 | -133 | 140 | x | 140 |
| VIN | 15 | 741 | 137 | 135 | x | 140 |

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Notes

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