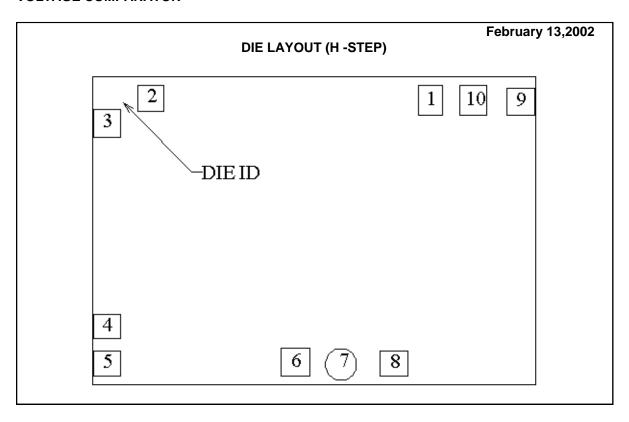


LM311 MDA MWA VOLTAGE COMPARATOR



DIE/WAFER CHARACTERISTICS

Fabric	ation Attributes	General D	ie Information
Physical Die Identification	111H	Bond Pad Opening Size (min)	91μm x 112μm
Die Step	Н	Bond Pad Metalization	ALUMINUM
Phys	sical Attributes	Passivation	VOM NITRIDE
Wafer Diameter	150mm	Back Side Metal	Bare Back
Die Size (Drawn)	1651μm x 1143μm 65mils x 45mils	Back Side Connection	Floating
Thickness	330µm Nominal		-
Min Pitch	140μm Nominal		-

Special Assembly Requirements:	
Note: Actual die size is rounded to the nearest micron.	



LM311 MDA MWA VOLTAGE COMPARATOR

	Die Bond P	ad Coordinate	e Locations (H -Step)		
(Ref	erenced to die co	enter, coordinate	es in µm) NC =	No Conne	ction	
SIGNAL	PAD#	X/Y CORRDINATES		PAD SIZE		
NAME	NUMBER	X	Υ	Χ		Υ
GND	1	434	485	91	Х	112
INPUT+	2	-607	493	97	Χ	97
INPUT-	3	-771	400	99	Χ	104
V-	4	-771	-356	99	Χ	91
Balance	5	-771	-495	99	Χ	91
Balance/Strobe	6	-69	-489	107	Χ	104
NC	7	114	-483	117	X	117
NC	8	298	-495	104	X	91
Output	9	768	479	104	Х	99
V+	10	593	485	99	Х	112

LM311 MDA MWA VOLTAGE COMPARATOR

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