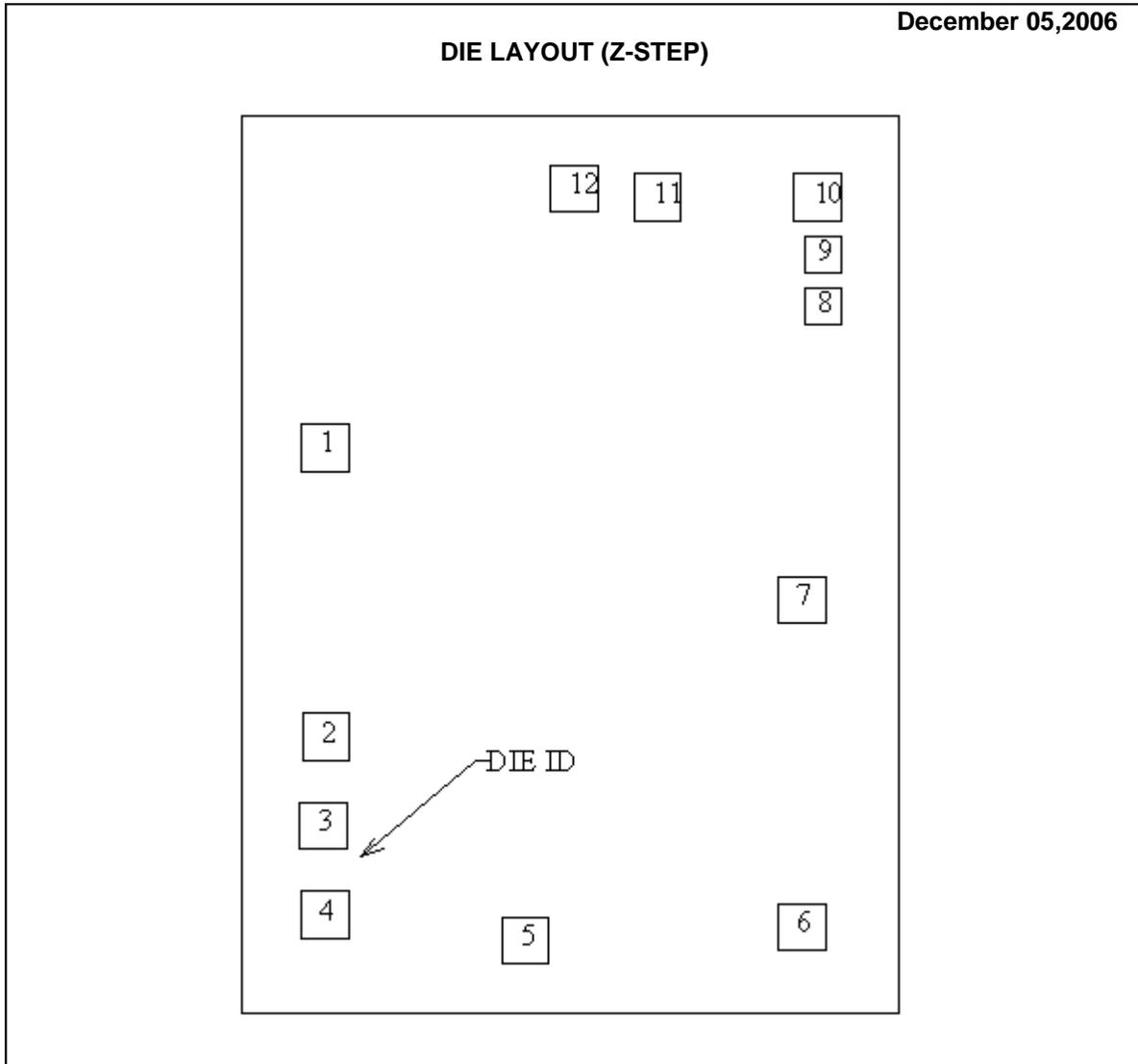


**DS16F95 MDA MWA  
EIA-485/EIA-422A DIFFERENTIAL BUS TRANSCEIVERS**



**DIE/WAFER CHARACTERISTICS**

Fabrication Attributes		General Die Information	
Physical Die Identification	M176Z	Bond Pad Opening Size (min)	114µm x 114µm
Die Step	Z	Bond Pad Metalization	ALUMINUM
Physical Attributes		Passivation	NITRIDE
Wafer Diameter	150mm	Back Side Metal	Bare Back
Die Size (Drawn)	1600µm x 2184µm 63.0mils x 86.0mils	Back Side Connection	Floating
Thickness	330µm Nominal		
Min Pitch	215µm Nominal		

**Special Assembly Requirements:**

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

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Die Bond Pad Coordinate Locations (Z -Step)						
(Referenced to die center, coordinates in $\mu\text{m}$ ) NC = No Connection, N.U. = Not Used						
SIGNAL	PAD#	XY COORDINATES		PAD SIZE		
NAME	NUMBER	X	Y	X	Y	
R0	1	-596	285	114	x	114
/RE	2	-593	-420	114	x	114
DE	3	-602	-637	114	x	114
DI	4	-596	-853	114	x	114
GND	5	-110	-916	114	x	114
IN/OUT A	6	563	-883	114	x	114
IN/OUT B	7	563	-85	114	x	114
NC	8	615	628	89	x	89
NC	9	615	755	89	x	89
NC	10	602	895	114	x	114
NC	11	211	894	114	x	114
VCC	12	9	916	114	x	114

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