PART MARKING SCHEME FOR MONOLITHIC DEVICES (SOIC AND DIP-8)

This note describes the part marking scheme for Data Delay Devices' monolithic device product line. The small size of some of our devices requires that abbreviated marking be used. The packages affected are the 16-pin SOIC, 14-pin SOIC, 8-pin SOIC, 8-pin DIP and 8-pin Gull-Wing. All other packages are marked with the complete part number.

A complete device part number begins with the "3D" prefix, indicating that the device is a monolithic product. Four digits then follow, which describe the general operation of the device. A single-letter identifier is added, indicating the package. Finally, the device dash number completes the part number string. This is best summarized as follows:

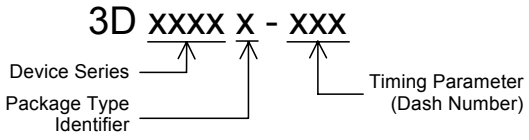

Table 1 lists the package identifiers and the associated packages. It should be noted that not all packages are available for a given device. Please consult the specific device data sheet for more information. Tables 2a and 2b show the abbreviated markings for the affected series/package combinations.

Table 1: List of Packages

Package Type Identifier	Package
Z	SOIC (8-pin)
D	SOIC (14-pin)
R	SOIC (16-pin)
S	SOW (16-pin)
W	SOW (20-pin)
M	DIP (8-pin)
(none)	DIP (14- or 16-pin)
K	DIP (14-pin, unused pins removed)
H	Gull-Wing (8-pin)
G	Gull-Wing (14- or 16-pin)

Table 2a: 14- & 16-Pin Devices

Generic Series	D package (SOIC-14)	R package (SOIC-16)
3D3220	320-xx	--
3D3314	334-xx	--
3D3324	324-xx	--
3D3424	342-xx	
3D3444	344-xx	--
3D3523	352-xx	--
3D3608	--	368-xx
3D3622	362-xx	--
3D7110	711-xx	--
3D7220	720-xx	--
3D7304	734-xx	--
3D7314	731-xx	--
3D7324	724-xx	--
3D7424	742-xx	
3D7444	744-xx	--
3D7503	753-xx	--
3D7523	523-xx	--
3D7608	--	768-xx
3D7622	762-xx	--

Table 2b: 8-Pin Devices

Generic Series	Z package (SOIC-8)	M package (DIP-8)	H package (GULL-8)
3D3215	6-xx	32-xx	32H-xx
3D3225	0-xx	35-xx	35H-xx
3D3323	V-xx	--	--
3D3428	4-xx	--	--
3D3521	31	--	--
3D3522	M-xx	--	--
3D7105	1-xx	71-xx	71H-xx
3D7205	2-xx	72-xx	72H-xx
3D7215	7-xx	77-xx	77H-xx
3D7225	9-xx	75-xx	75H-xx
3D7303	3-xx	73-xx	73H-xx
3D7323	T-xx	--	--
3D7428	8-xx	--	--
3D7501	51	51	51H
3D7502	5-xx	52-xx	52H-xx
3D7521	21	21	21H
3D7522	D-xx	22-xx	22H-xx