



## Application Note 341

### DS2151, DS2153 Programming, Device Identification

#### IDENTIFYING A DS2151 OR DS2153

Boards designed for T1 or E1 operation can simply have an installation option for either a DS2151 or a DS2153.

The following procedure can be used to allow software to identify which device is installed then carry out the proper initialization and driver load.

#### NOTES:

1. Write 00h to address 7Dh, 36h, 15h, 19h
2. Write 55h to 23h
3. Read 23h
4. If read of 23h = 55 then device is a DS2153 else device is a DS2151