

74F1051

12-Bit Schottky Barrier Diode Array

General Description

The 'F1051 is a 12-bit Schottky Diode array designed to suppress voltage transients and reduce noise in high speed switching circuits. The array provides high speed voltage clamping for transients below ground or above V_{CC} for up to 12 bus lines.

Features

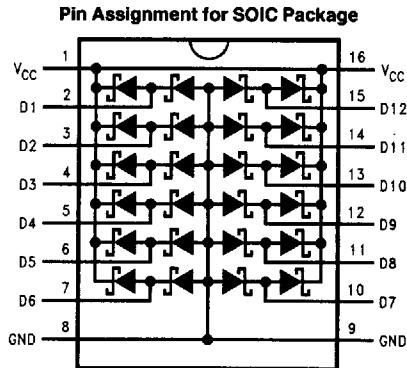
- 12-bit array structure in 16-pin package
- Fast Schottky diode voltage clamping action
- Provides Dual Rail voltage clamping
- Withstands ESD to greater than 4 kV (HBM)
- Low input capacitance
- Peak Forward Current to 200 mA

Ordering Code: See Section 11

Commercial	Package Number	Package Description
74F1051SC (Note 1)	M16A	16-Lead (0.150" Wide) Molded Small Outline, JEDEC

Note 1: Devices also available in 13" reel. Use suffix = SCX

Connection Diagram



TL/F/11696-1