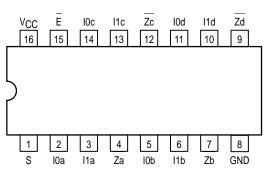
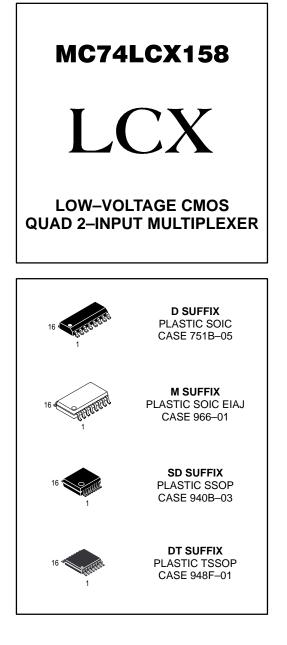
Product Preview Low-Voltage CMOS Quad **2-Input Multiplexer** With 5V-Tolerant Inputs (Inverting)

The MC74LCX158 is a high performance, quad 2-input inverting multiplexer operating from a 2.7 to 3.6V supply. High impedance TTL compatible inputs significantly reduce current loading to input drivers while TTL compatible outputs offer improved switching noise performance. A VI specification of 5.5V allows MC74LCX158 inputs to be safely driven from 5V devices.

Four bits of data from two sources can be selected using the Select and Enable inputs. The four outputs present the selected data in the inverted form. The MC74LCX158 can also be used as a function generator. Current drive capability is 24mA at the outputs.

- Designed for 2.7 to 3.6V V_{CC} Operation
- 5V Tolerant Inputs Interface Capability With 5V TTL Logic
- LVTTL Compatible
- LVCMOS Compatible
- 24mA Balanced Output Sink and Source Capability
- Near Zero Static Supply Current (10µA) Substantially Reduces System **Power Requirements**
- Latchup Performance Exceeds 500mA
- ESD Performance: Human Body Model >2000V; Machine Model >200V





PIN NAMES

REV 0

Pins	Function
10n	Source 0 Data Inputs
<u>11</u> n	Source 1 Data Inputs
E	Enable Input
<u>S</u>	Select Input
Zn	Outputs

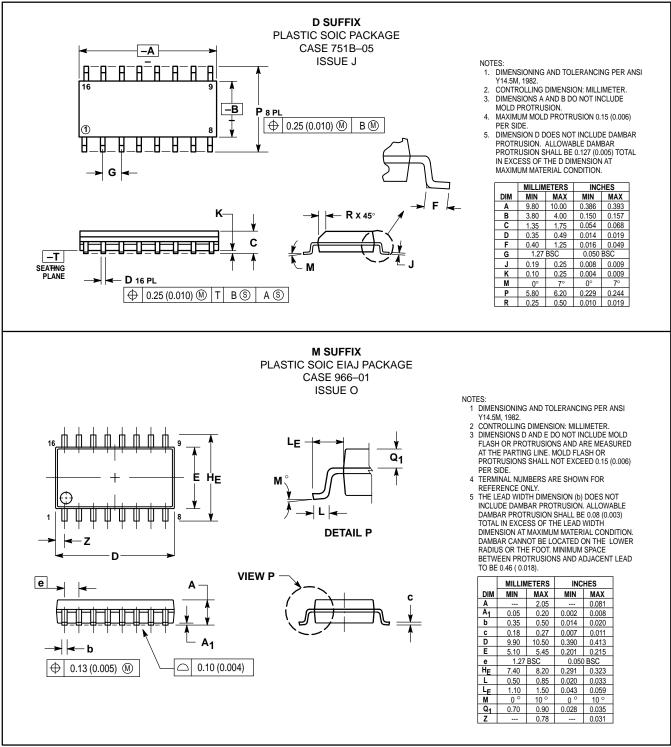
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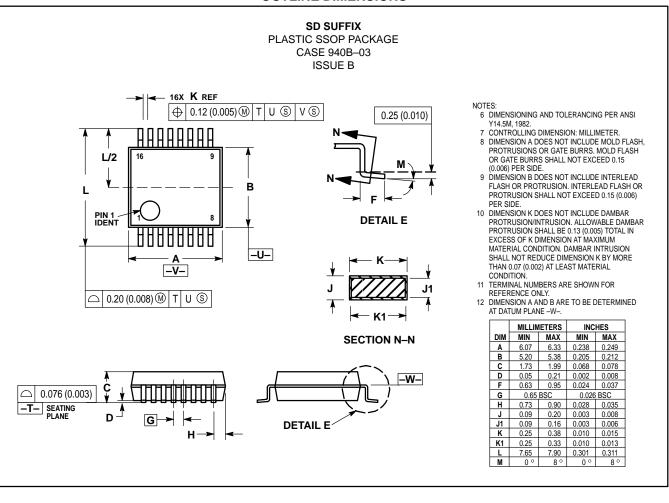
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Pinout: 16-Lead Plastic Package (Top View)

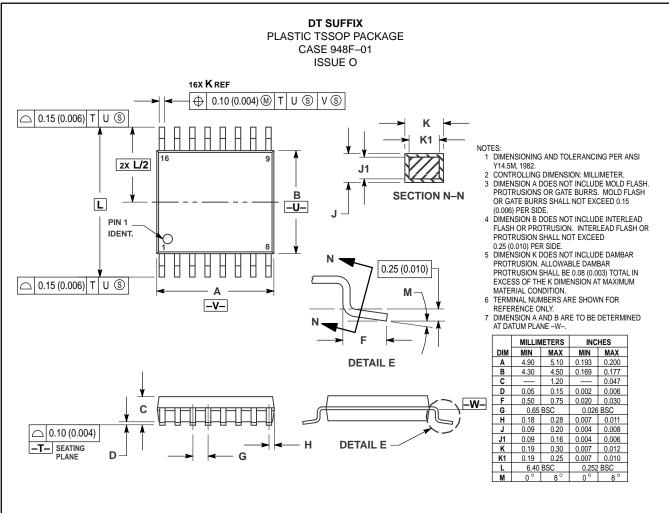
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