

View Online at <https://aerobasegroup.com/nsn/5962-01-167-7165>

**Body Length:**

Between 1.030 inches and 1.090 inches

**Body Width:**

Between 0.600 inches and 0.660 inches

**Body Height:**

Between 0.070 inches and 0.115 inches

**Maximum Power Dissipation Rating:**

1.6 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Monolithic and bipolar

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

32 input

**Design Function And Quantity:**

1 microprocessor

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

5.5 volts power source

**Time Rating Per Characteristic:**

56.00 nanoseconds propagation delay time, low to high level output and 56.00 nanoseconds propagation delay time, high to low level output

**Test Data Document:**

82577-h990018 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

42 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0