View Online at https://aerobasegroup.com/nsn/5962-01-408-0768

**Maximum Power Dissipation Rating:**

1.5 watts

**Operating Tempurature Range:**

-55.0/+125.0 degrees celsius

**Storage Tempurature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Milstar

**Features Provided:**

Burn in, mil-std-883, class b and electrostatic sensitive and radiation hardened and selected item and tested to mil-std-883 and w/reset and frequency compensated

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

32 input

**Criticality Code Justification:**

Cbbl

**Current Rating Per Characteristic:**

-10.00 milliamperes collector cutoff current, dc, with specified resistance between base and emitter microamperes and 10.00 milliamperes reverse current, dc microamperes

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, microcontroller

**Voltage Rating And Type Per Characteristic:**

4.0 volts power source and 6.0 volts power source and -0.5 volts input and 6.5 volts input

**Memory Device Type:**

Ram

**Special Features:**

Device is a cmos, 8-bit microcontroller with 256 x 8 ram; this is a selected item made from rc351-3816-012 which is made from 351-3816-012 which is a 1ch66 80c32/bqa (signetics); case outline designator gdip1-t40 or cdip2-t40 as designated in mil-std-1835; oscillator frequency is from 3.5 to 12.0 mhz

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

40 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

**Fiig:**

A458a0