

View Online at <https://aerobasegroup.com/nsn/5962-01-371-5393>

**Maximum Power Dissipation Rating:**

2.0 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Enditem e/i fscm 03950

**Features Provided:**

Bipolar and monolithic and programmed

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Bipolar metal-oxide semiconductor

**Input Circuit Pattern:**

16 input

**Case Outline Source And Designator:**

D-8 mil-m-38510

**Current Rating Per Characteristic:**

100.00 milliamperes reverse current, dc

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit bipolar pal 16-input 8output registered and-or gate array

**Voltage Rating And Type Per Characteristic:**

-1.5 volts absolute input and 12.0 volts absolute input

**Memory Device Type:**

Pal

**Hybrid Technology Type:**

Monolithic

**Test Data Document:**

81349-mil-m-38510 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). And 96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

20 printed circuit

**Specification Data:**

81349--38510/50402bra government specification

**Purchase Description Identification:**

05869-53211-1

**Departure From Cited Designator:**

Altered by programming, testing & marking

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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