

View Online at <https://aerobasegroup.com/nsn/5962-01-526-6606>

**Body Length:**

27.0 millimeters

**Body Width:**

27.0 millimeters

**Body Height:**

1.95 millimeters

**Operating Temperature Range:**

-40.0/+125.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Electrostatic sensitive

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Pin grid array

**Output Logic Form:**

Transistor coupled logic

**Design Function And Quantity:**

1 central processor unit and 2 converter, analog to digital

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, plastic encapsulated, (surface mount), 32-bit embedded controller

**Voltage Rating And Type Per Characteristic:**

5.0 volts input and 5.0 volts output and 3.3 volts power source

**Special Features:**

26kbytes static ram and 448 kbytes flash eeprom w/ 5 volt programming; eeprom, eprom and sram memory controller

**Terminal Type And Quantity:**

272 bonding pad

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0