

View Online at <https://aerobasegroup.com/nsn/5962-01-544-0157>

**Body Length:**

14.0 millimeters

**Body Width:**

14.0 millimeters

**Body Height:**

1.4 millimeters

**Operating Temperature Range:**

-40.0/+85.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Radar test station f-15 aircraft

**Features Provided:**

Electrostatic sensitive and macrologic and programmable

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Leaded chip carrier

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Product Name:**

Microcircuit, cpld, 144 microcells

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 4.0 volts power source and -0.5 volts input and 5.5 volts input

**Capitance Rating Per Characteristic:**

10.00 input picofarads and 10.00 output picofarads

**Time Rating Per Characteristic:**

10.00 nanoseconds propagation delay

**Memory Device Type:**

Pal

**Special Features:**

81 user i/o pins, 3200 usable gates, 100 mhz maximum clock frequency, 20 year data retention, 10000 program erase cycles

**Terminal Type And Quantity:**

100 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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