

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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