

View Online at <https://aerobasegroup.com/nsn/5962-01-372-6865>

Body Length:

Between 1.092 inches and 1.112 inches

Body Width:

Between 1.092 inches and 1.112 inches

Body Height:

Between 0.085 inches and 0.105 inches

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Milstar

Features Provided:

Electrostatic sensitive and radiation hardened and burn in, mil-std-883, class b and hermetically sealed and compatible cmos and high speed and parallel operation and selected item and monolithic

Inclosure Material:

Ceramic

Inclosure Configuration:

Pin grid array

Output Logic Form:

Complementary-metal oxide-semiconductor logic

Criticality Code Justification:

Feat and cbbl

Design Function And Quantity:

1 multiplier and 1 adder

Current Rating Per Characteristic:

100.00 milliamperes reverse current, dc absolute

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital, multiplier

Voltage Rating And Type Per Characteristic:

-0.5 volts total supply and 7.0 volts total supply

Memory Capacity:

16 x 16 bit

Special Features:

Selected item, untested vendor pn is cy7c510-55gmb cage 65786, make from 258-0068-020 cage 95105, rescreen per 995-9501-020 cage 95105

Nuclear Hardness Critical Feature:

Hardened

Special Test Features:

Tested for total dose irradiation and verified for wafer lot hardness

Test Data Document:

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

Terminal Type And Quantity:

68 pin

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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