

View Online at <https://aerobasegroup.com/nsn/5962-01-520-7074>

Overall Length:

31.45 millimeters

Overall Height:

4.07 millimeters

Overall Width:

31.45 millimeters

Body Length:

28.1 millimeters

Body Width:

28.10 millimeters

Body Height:

0.50 millimeters

Operating Temperature Range:

-55.0/+125.0 degrees celsius

End Application:

C-17a aircraft

Features Provided:

Electrostatic sensitive and programmable and macrologic

Inclosure Material:

Plastic

Inclosure Configuration:

Flat pack

Output Logic Form:

Complementary-metal oxide-semiconductor logic and transistor-transistor logic

Criticality Code Justification:

Cbbl

Design Function And Quantity:

1 array, logic

Case Outline Source And Designator:

Ms-022-dd-1 joint electron device engineering council

Product Name:

Microcircuit, plastic encapsulated (surface mount) procurement and selection requirements (for pld 3750 gates)

Voltage Rating And Type Per Characteristic:

5.0 volts power source and -2.0 volts absolute input and 7.0 volts absolute input

Capitance Rating Per Characteristic:

10.00 input picofarads

Special Features:

3750 usable gates organized in 12 logic array blocks of 16 macrocells using eeprom based pld's, 124 inp/outp pins and 4 dedicated clock/output-enable/clear pins

Special Test Features:

Altera epm7192sqc160-7 is 100 percent upscreened per para 3.1.1 of dwg 89974-356a1407 by approved test facilities for operation through temperatures of -55c to +125c.

Terminal Type And Quantity:

160 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A458a0