

View Online at <https://aerobasegroup.com/nsn/5962-01-506-0059>

Body Length:

21.00 millimeters

Body Width:

21.00 millimeters

Body Height:

1.60 millimeters

Operating Temperature Range:

+0.0/+70.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

F16C-/D-AVI-ONIC

Features Provided:

Electrostatic sensitive and macrologic and dynamic and programmable

Inclosure Material:

Plastic

Inclosure Configuration:

Flat pack

Output Logic Form:

N-type metal oxide-semiconductor logic

Criticality Code Justification:

Cbbl

Design Function And Quantity:

1 array, logic

Product Name:

Xc95144xl high performance cpld

Voltage Rating And Type Per Characteristic:

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

Time Rating Per Characteristic:

5.00 nanoseconds input to output access

Special Features:

117 user i/o pins, eight 54v18 function blocks providing 3200 usable gates, individual output enable per outp pin w/ local inversion, 178mhz maximum clock frequency.

Terminal Type And Quantity:

144 gullwing

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A458a0