

View Online at <https://aerobasegroup.com/nsn/5962-01-506-0150>

**Body Width:**

28.00 millimeters

**Body Height:**

3.70 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

**Case Outline Source And Designator:**

Ms-029-fa-1 joint electron device engineering council

**Product Name:**

Xc95288 in-system programmable 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:**

20.00 nanoseconds propagation delay

**Special Features:**

168 user i/o pins, 288 macrocells, sixteen 36v18 function blocks providing 6400 usable gates, 66.7mhz maximum clock frequency.

**Terminal Type And Quantity:**

208 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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