

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:**

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