## NSN 5962-01-427-2283

Digital Microcircuit - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5962-01-427-2283

Bodv	ı I er	nath:

Between 0.938 inches and 0.962 inches

**Body Width:** 

Between 0.938 inches and 0.962 inches

**Body Height:** 

Between 0.082 inches and 0.120 inches

**Maximum Power Dissipation Rating:** 

300.0 milliwatts

### **Operating Tempurature Range:**

-55.0/+125.0 degrees celsius

### **Storage Tempurature Range:**

-65.0/+150.0 degrees celsius

#### **End Application:**

Pacer dawn

## **Features Provided:**

Burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and monolithic and tested to mil-std-883

## **Inclosure Material:**

Ceramic

## **Inclosure Configuration:**

Leadless flat pack

## **Output Logic Form:**

Complementary-metal oxide-semiconductor logic

### **Input Circuit Pattern:**

42 input

## **Criticality Code Justification:**

Cbbl

## **Design Function And Quantity:**

1 counter

### **Case Outline Source And Designator:**

C-7 mil-m-38510

## **Current Rating Per Characteristic:**

20.00 milliamperes output

## **Terminal Surface Treatment:**

Solder

### **Product Name:**

Microcircuit, digital, cmos, 8-input counter/interface, monolithic silicon

## **Voltage Rating And Type Per Characteristic:**

-0.3 volts power source and 7.0 volts power source and -0.3 volts input and 0.3 volts input

## **Time Rating Per Chacteristic:**

35.00 nanoseconds propagation delay

#### **Special Features:**

This device has 68 pads: 18 inputs, 24 bi-directional inputs, 18 outputs, 4 power, 4 ground and 0 no connects; all input pins are ttl compatible

# NSN 5962-01-427-2283

Digital Microcircuit - Page 2 of 2



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

**Terminal Type And Quantity:** 

68 leadless

Shelf Life:

N/a

**Unit Of Measure:** 

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Demilitarization:

No

Fiig:

A458a0