

View Online at <https://aerobasegroup.com/nsn/5962-01-645-0689>

**Operating Temperature Range:**

-40.0 to 105.0 degrees celsius

**Features Provided:**

Asynchronous and synchronous and w/clock

**Inclosure Configuration:**

Pin grid array

**Output Logic Form:**

Integrated-integrated-injection logic

**Input Circuit Pattern:**

16 channel

**Design Function And Quantity:**

8 multiplier

**Product Name:**

Fixed-point digital signal processor

**Voltage Rating And Type Per Characteristic:**

1.20 volts input/output differential

**Time Rating Per Characteristic:**

0.83 nanoseconds on and 1.39 nanoseconds on

**Memory Capacity:**

32kb

**Special Features:**

On-chip ram: 2.1mb; clock rate: 1ghz; interface: host interface, i?C, mcbasp, pci, utopia; the c6455 dsp possesses the operational flexibility of high speed controllers and the numerical capability of array processors;

**Terminal Type And Quantity:**

697 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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