

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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