View Online at https://aerobasegroup.com/nsn/5962-01-642-8847

Iiilength:

16.00 millimeters

Iiiheight:

1.20 millimeters

Iiiwidth:

16.00 millimeters

Body Length:

14.00 millimeters

Body Width:

14.00 millimeters

Operating Tempurature Range:

-40.0 to 85.0 degrees celsius

Inclosure Configuration:

Quad-in-line

Product Name:

100 mips, 128 kb flash, 10-bit adc, mixed signal mcu

Microcircuit Device Type And Quantity:

1 memory

Voltage Rating And Type Per Characteristic:

3.6 volts total supply

Memory Device Type:

Ram

Special Features:

8 external programmable inputs; programmable amplifier gain; data dependent windowed interrupt generator; built-in temp sensor; 2 comparators; internal voltage reference; monitor/brown-out detector; on-chip jtag debug and boundary scan which is ieee1149.1 compliant; high-speed 8051 core; 8448 bytes data ram; external parallel data memory interface; 64 ports i/o, hardware smbus, spi and 2 uart serial ports, programmable 16bit counter/time array with 6 ca pture/compare modules; 5 general-purpose 16-bit counters/timers; dedicated watchdog timer-bidirectional reset; real-time clock mode using timer 3 or pca; clock sources-internal oscillator, on chip programmable pll and external oscillator

Terminal Type And Quantity:

100 pin

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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