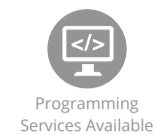


# ATmega644P

Status: In Production

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Overview

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## Device Overview

### Summary

Mature product; not recommended for new designs. Replaced by ATmega644PA.

### Parametrics

Name	Value
Program Memory Type	Flash
Program Memory Size (KB)	64
CPU Speed (MIPS/DMIPS)	20
SRAM Bytes	4,096
Data EEPROM/HEF (bytes)	2048
Digital Communication Periphe...	2-UART, 3-SP
Capture/Compare/PWM Periph...	1 Input Captu
Timers	2 x 8-bit, 1 x 1
Number of Comparators	1
Temperature Range (C)	-40 to 85
Operating Voltage Range (V)	1.8 to 5.5
Pin Count	44
Low Power	Yes

