

## 30.4 ATmega328P

Speed (MHz)	Power Supply	Ordering Code <sup>(2)</sup>	Package <sup>(1)</sup>	Operational Range
20 <sup>(3)</sup>	1.8 - 5.5	ATmega328P- AU ATmega328P- MU ATmega328P- PU	32A 32M1-A 28P3	Industrial (-40°C to 85°C)

- Note:
1. This device can also be supplied in wafer form. Please contact your local Atmel sales office for detailed ordering information and minimum quantities.
  2. Pb-free packaging complies to the European Directive for Restriction of Hazardous Substances (RoHS directive). Also Halide free and fully Green.
  3. See [Figure 26-3 on page 318](#).

Package Type	
<b>32A</b>	32-lead, Thin (1.0 mm) Plastic Quad Flat Package (TQFP)
<b>28P3</b>	28-lead, 0.300" Wide, Plastic Dual Inline Package (PDIP)
<b>32M1-A</b>	32-pad, 5 x 5 x 1.0 body, Lead Pitch 0.50 mm Quad Flat No-Lead/Micro Lead Frame Package (QFN/MLF)