Stable Supply Available Now, Flexible Development and Comprehensive Support for Your Next MCU Design.

A More Predictable Path for Your Next MCU Design

When lead times and pricing become unpredictable, the impact goes beyond component availability-it can put your design schedule, production plans and time-to-market at risk.

Microchip's broad MCU portfolio gives you more options to maintain design continuity, whether you are starting a new project or evaluating a migration from another platform. Our PIC32 family offers a wide range of Arm® Cortex®-based MCUs backed by flexible development tools, technical resources and engineering support to help simplify evaluation and transition.

Explore approximately 20,000 Microchip MCUs available within a 10-week lead time, compare them with the devices you use today and find the resources to help keep your design moving.

Find a PIC32C Alternative You Can Design with Today

Explore recommended Microchip alternatives based on core, memory, peripherals and application requirements. Explore how our devices compare with the solutions you use today.

Explore the https://www.microchip.com/en-us/cross-reference-search

Looking for a Microchip MCU to replace your current microcontroller? Our devices support a wide range of embedded ecosystems and application requirements with compatible functionality and peripherals. Use the cross-reference tool to identify potential alternatives for your design.

Cross-reference tool- https://www.microchipdirect.com/cross-reference

AVAILABLE NOW

Explore PIC32C devices available through abc

With approximately 20,000 Microchip MCUs available within a 10-week lead time, Microchip offers a broad portfolio of readily available devices across multiple families and application requirements.

List of mcu parts

Develop Your Way

Flexible Development for Your Design

Microchips give you flexibility in how you develop, with support across Microchip and third-party development environments and ecosystems.

Development options include:

Keil | IAR | SEGGER | Zephyr | VS Code | MPLAB

Whether you prefer commercial IDEs, open-source environments or established third-party tools, PIC32C solutions are supported across a broad development ecosystem.

Explore Development Ecosystem

Make Transition Easier

Switching MCU platforms doesn't have to mean starting from scratch.

Microchip conversion guides provide step-by-step assistance throughout the migration process, from initial part selection through final design verification- link to it

Explore:

- Conversion and migration guides (TBD) Coming Soon
- Code conversion resources (TBD)
- Technical documentation Coming soon

Need Design Confidence?

Get Expert Design Support with MicroCHECK

MicroCHECK provides complimentary engineering feedback from concept through PCB layout, helping customers validate their Microchip designs during the development process.

Support includes board layout and schematic reviews, compatibility guidance and recommendations for transition planning with hands-on support to review board layouts and schematics during migration projects.

Learn More https://www.microchip.com/en-us/campaigns/pic32c-conversion-and-migration-resources