

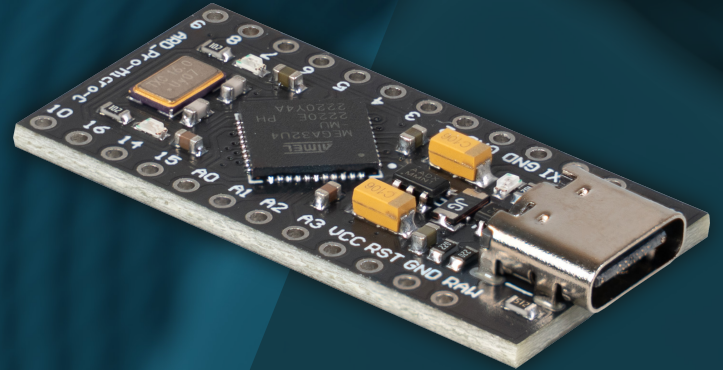
ARD_PRO-MICRO-C

ARDUINO-COMPATIBLE MICROCONTROLLER WITH USB-C

JOY-IT

SPECIAL FEATURES

- ✓ On-board USB-C interface
- ✓ Fully Arduino compatible
- ✓ Compact design, ideal for space-saving projects
- ✓ Powerful ATmega32U4 controller
- ✓ Versatile inputs/outputs



The ARD_Pro-Micro-C is a compact microcontroller that offers maximum functionality in the smallest of spaces. Thanks to its full Arduino compatibility, it is easy to program and opens up almost unlimited possibilities for creative electronics and control projects for both beginners and experienced developers.

With its integrated USB-C interface, the ARD_Pro-Micro-C can be powered and programmed directly from a computer—without the need for additional adapters or complicated cabling. Its slim and lightweight design makes it the ideal companion for mobile applications, prototypes, and projects with limited space.

Its sophisticated architecture enables flexible operation across different voltage ranges while offering stable, reliable performance. This makes the microcontroller perfect for a wide range of applications—from sensor and control units to DIY electronics and embedded systems in professional environments.

Thanks to the included pin headers and clear pin assignment, the ARD_Pro-Micro-C can be quickly integrated into existing projects. Whether for learning purposes, creative craft ideas, or precise controls, this microcontroller impresses with its versatility, ease of use, and high quality "Made by Joy-IT."

KEY FEATURES

chip	ATMega32U4
supply voltage	5 - 11 V
operating voltage	5 V
logic level	5 V
Number of IO pins	18 (analog: 9, PWM: 5)
clock frequency	16 MHz
flash memory	32 kB
EEPROM	1 kB
SRAM	2.5 kB

FURTHER INFORMATION

dimensions	34.6 x 18.4 x 4 mm
Weight	4.5 g
item number	ARD Pro Micro C
Scope of delivery	ARD_Pro-Micro-C, pin headers
EAN	4250236830247
customs tariff number	8542319000