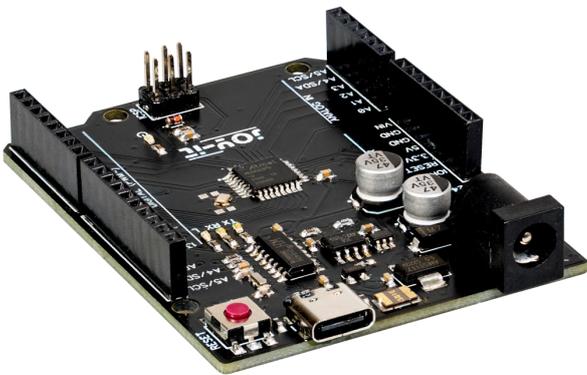


# ARD-ONE-C-MC

ATmega 328PB microcontroller board



The ARD-ONE-C-MC board is the right microcontroller for beginners who want to get into the programming world quickly and easily.

Its ATmega328PB microcontroller offers you enough power to implement your ideas and projects. It measures 68 x 53 mm and has many connectivity options with 16 digital inputs/outputs and 8 analog inputs.

Compared to the ARD\_R3DIP, the ARD-ONE-C-MC has 2 additional digital pins as well as 2 analog pins and an additional hardware I2C as well as SPI interface besides the USB-C interface. The board can also be programmed via the Arduino IDE and is compatible with most Arduino libraries.

## MAIN FEATURES

Microcontroller	ATmega328PB
Bootloader	UNO 328P
Clock frequency	16 MHz
Logic level	5 V
Analog pins	8
Digital pins	16 (6 with PWM)
Special feature	USB-C interface, additional IO-pins

## FURTHER SPECIFICATIONS

DC current per I/O pin	40 mA
Memory	32 kB (2 kB für Bootloader)
SRAM	2 kB
EEPROM	1 kB
Supply voltage	Vin-PIN: 7 - 12 V USB Type-C: 5 V
Power requirements	20 mA

## FURTHER DETAILS

Dimensions (W x D)	68 x 53 mm
Article number	ARD-ONE-C-MC
EAN	4250236826196
Customs Tariff No.	8542319000
Scope of delivery	ARD-ONE-C-MC