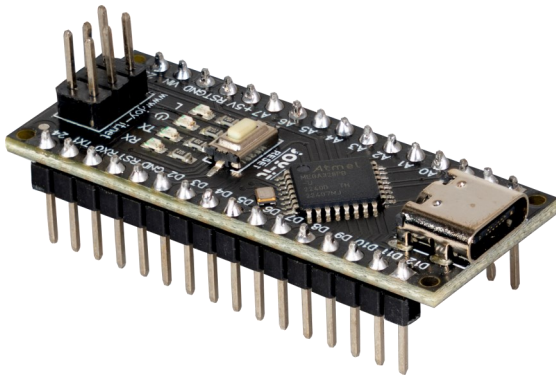


# ARD-NANOV4-MC



The NanoV4-MC is a particularly small microcontroller and, due to the pin header leading out at the bottom, has been specially developed for working with breadboards.

The integrated USB Type-C interface can be used to supply power to the circuit and board as well as to transfer programs to the microcontroller.

Compared to the NANO-V3, the NanoV4-MC has 2 additional IO pins and an additional hardware I2C as well as SPI interface besides the USB-C interface. The used bootloader is compatible with most existing Arduino libraries.

## MAIN FEATURES

Microcontroller	Atmel Mega328PB
Bootloader	Minicore
Clock frequency	16 MHz
Logic level	5 V
Analog pins	8
Digital pins	16 (of which 6 PWM)
Special feature	USB-C interface, additional IO pins

## FURTHER SPECIFICATIONS

DC current per I/O pin	40 mA
Memory	32 kB (2 kB for 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)	18,5 x 47 mm
Article number	ARD-NanoV4-MC
EAN	4250236826189
Customs Tariff No.	8542319000
Scope of delivery	ARD-NanoV4-MC