

Spoločnosť Microchip Technology Inc. oznámila rozšírenie produktovej rady 8 a 14 pinových MCU o nových členov :

PIC12F609, PIC12F615, PIC16F610, PIC16F616

Vlastnosti



- Flash Program Memory
- Internal 4/8MHz oscillator
- Comparator with hysteresis (user configurable)
- Mid-Range core with 35 Instructions, 8 Stack Levels
- 25mA Source/Sink current I/O
- PIC12F615, PIC16F616: Two 8-bit Timer (TMR0/TMR2); PIC16F610, PIC12F609: One 8-bit Timer (TMR0);
- One 16-bit Timer (TMR1)
- Watchdog Timer (WDT)
- Enhanced Power-On/Off-Reset
- Brown-Out Reset (BOR)
- In Circuit Serial Programming (ICSP)
- Enhanced Capture Compare PWM (Pulse Width Modulation) *only PIC12F615 and PIC16F616*
- Wide Operating Voltage (2.0V – 5.5V)

PIC12F609

Program Memory Type: Flash

Program Memory (KB): 1.75

CPU Speed (MIPS): 5

RAM Bytes: 64

Timers: 1 x 8-bit, 1 x 16-bit

Comparators: 1

Temperature Range (C): -40 to 125

Operating Voltage Range (V): 2 to 15

Pin Count: 8

Package: DFN, MSOP, PDIP, SOIC 150mil

Datasheet: [PIC12F609/HV609, PIC12F615/HV615, PIC12F617 8-Pin Flash-Based 8-Bit CMOS MCU](#)

Homepage: [PIC12F609](#)

cena PIC12F609 : od 0.71 USD/kus

PIC12F615

Program Memory Type: Flash

Program Memory (KB): 1.75

CPU Speed (MIPS): 5

RAM Bytes: 64

Capture/Compare/PWM Peripherals : 1 ECCP

Timers: 2 x 8-bit, 1 x 16-bit

ADC: 4 ch, 10-bit

Comparators: 1

Temperature Range (C): -40 to 125

Operating Voltage Range (V): 2 to 15

Pin Count: 8

Package: DFN, MSOP, PDIP, SOIC 150mil

Datasheet: [PIC12F609/HV609, PIC12F615/HV615, PIC12F617 8-Pin Flash-Based 8-Bit CMOS MCU](#)

Homepage: [PIC12F615](#)

cena PIC12F615: od 0.75 USD/kus

PIC16F610

Program Memory Type: Flash

Program Memory (KB): 1.75

CPU Speed (MIPS): 5

RAM Bytes: 64

Timers: 1 x 8-bit, 1 x 16-bit

Comparators: 2

Temperature Range (C): -40 to 125

Operating Voltage Range (V): 2 to 15

Pin Count: 14

Package: DFN, TSSOP, PDIP, SOIC 150mil

Datasheet: [PIC16F610/16HV610/PIC16F616/16HV616 14-Pin Flash-Based, 8-Bit CMOS MCU](#)

Homepage: [PIC16F610](#)

cena PIC16F610: od 0.81 USD/kus

PIC16F616

Program Memory Type: Flash

Program Memory (KB): 3.5

CPU Speed (MIPS): 5

RAM Bytes: 128

Capture/Compare/PWM Peripherals : 1 ECCP

Timers: 2 x 8-bit, 1 x 16-bit

ADC: 8 ch, 10-bit

Comparators: 2

Temperature Range (C): -40 to 125

Operating Voltage Range (V): 2 to 15

Pin Count: 14

Package: DFN, TSSOP, PDIP, SOIC 150mil

Datasheet: [PIC16F610/16HV610/PIC16F616/16HV616 14-Pin Flash-Based, 8-Bit CMOS MCU](#)

Homepage: [PIC16F616](#)

cena PIC16F616: od 0.94 USD/kus

Distribúcia

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