

DSPIC30F6012AT-20E/PT



Microchip Technology

IC MCU 16BIT 144KB FLASH 64TQFP

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Integrated Circuits (ICs)

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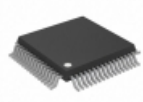
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Specifications


| | |
|-----------------------------|--|
| Voltage - Supply (Vcc/Vdd): | 2.5 V ~ 5.5 V |
| Supplier Device Package: | 64-TQFP (10x10) |
| Speed: | 20 MIPS |
| Series: | dsPIC™ 30F |
| RAM Size: | 8K x 8 |
| Program Memory Type: | FLASH |
| Program Memory Size: | 144KB (48K x 24) |
| Peripherals: | AC'97, Brown-out Detect/Reset, I²S, LVD, POR, PWM, WDT |
| Packaging: | Tape & Reel (TR) |
| Package / Case: | 64-TQFP |
| Oscillator Type: | Internal |
| Operating Temperature: | -40°C ~ 125°C (TA) |
| Number of I/O: | 52 |
| EEPROM Size: | 4K x 8 |
| Data Converters: | A/D 16x12b |
| Core Size: | 16-Bit |
| Core Processor: | dsPIC |
| Connectivity: | CAN, I²C, SPI, UART/USART |

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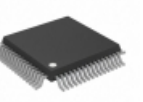
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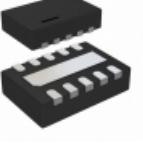
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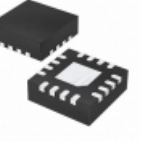
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