

Image may be representation.  
See specifications for product details.



## PIC12F675-I/SN

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>PIC12F675-I/SN</b>  |
| Manufacturer             | <b>Microchip Technology</b>  |
| Allelco Part Number      | 32D-PIC12F675-I/SN   |
| ECAD Model               | PCB Symbol, Footprint & 3D Mode  |
| Parts Description        | IC MCU 8BIT 1.75KB FLASH 8SOIC   |
| Package                  | 8-SOIC (0.154", 3.90mm Width)  |
| Data sheet               | <b>MPLAB® ICE2000 Spec.pdf</b><br><b>Tips N Tricks Guide.pdf</b><br><b>PIC12F629,675, PIC16F630,676 Programming.pdf</b><br><b>PIC12F629, 675.pdf</b> |
| RoHs Status              | <b>ROHS3 Compliant</b>   |

**Get a Quote**

PIC12F675-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology PIC12F675-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for PIC12F675-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC12F675-I/SN Tech Specifications

PIC12F675-I/SN - Microchip Technology technical specifications, attributes, parameters

| Product Attribute          | Attribute Value               | Product Attribute     | Attribute Value   |
|----------------------------|-------------------------------|-----------------------|-------------------|
| Manufacturer               | Microchip Technology          | Oscillator Type       | Internal          |
| Voltage - Supply (Vcc/Vdd) | 2V ~ 5.5V                     | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package    | 8-SOIC                        | Number of I/O         | 5                 |
| Speed                      | 20MHz                         | Mounting Type         | Surface Mount     |
| Series                     | PIC® 12F                      | EEPROM Size           | 128 x 8           |
| RAM Size                   | 64 x 8                        | Data Converters       | A/D 4x10b         |
| Program Memory Type        | FLASH                         | Core Size             | 8-Bit             |
| Program Memory Size        | 1.75KB (1K x 14)              | Core Processor        | PIC               |
| Peripherals                | POR, WDT                      | Connectivity          | -                 |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width) | Base Product Number   | PIC12F675         |
| Package                    | Tube                          |                       |                   |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC12F675-I/SN

| Product Attribute          |                               |                                       |                               |                        |
|----------------------------|-------------------------------|---------------------------------------|-------------------------------|------------------------|
| Part Number                | PIC12F675-I/SN                | PIC12F683-I/P                         | PIC12F675T-I/SN               | PIC12F675-I/P          |
| Manufacturer               | Microchip Technology          | Microchip Technology                  | Microchip Technology          | Microchip Technology   |
| Operating Temperature      | -40°C ~ 85°C (TA)             | -40°C ~ 85°C (TA)                     | -40°C ~ 85°C (TA)             | -40°C ~ 85°C (TA)      |
| Series                     | PIC® 12F                      | PIC® 12F                              | PIC® 12F                      | PIC® 12F               |
| Core Processor             | PIC                           | PIC                                   | PIC                           | PIC                    |
| Program Memory Size        | 1.75KB (1K x 14)              | 3.5KB (2K x 14)                       | 1.75KB (1K x 14)              | 1.75KB (1K x 14)       |
| Speed                      | 20MHz                         | 20MHz                                 | 20MHz                         | 20MHz                  |
| Connectivity               | -                             | -                                     | -                             | -                      |
| EEPROM Size                | 128 x 8                       | 256 x 8                               | 128 x 8                       | 128 x 8                |
| Package                    | Tube                          | Tube                                  | Tape & Reel (TR)              | Tube                   |
| Peripherals                | POR, WDT                      | Brown-out Detect/Reset, POR, PWM, WDT | POR, WDT                      | POR, WDT               |
| RAM Size                   | 64 x 8                        | 128 x 8                               | 64 x 8                        | 64 x 8                 |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width) | 8-DIP (0.300", 7.62mm)                | 8-SOIC (0.154", 3.90mm Width) | 8-DIP (0.300", 7.62mm) |
| Supplier Device Package    | 8-SOIC                        | 8-PDIP                                | 8-SOIC                        | 8-PDIP                 |
| Number of I/O              | 5                             | 5                                     | 5                             | 5                      |
| Oscillator Type            | Internal                      | Internal                              | Internal                      | Internal               |
| Mounting Type              | Surface Mount                 | Through Hole                          | Surface Mount                 | Through Hole           |
| Base Product Number        | PIC12F675                     | PIC12F683                             | PIC12F675                     | PIC12F675              |
| Voltage - Supply (Vcc/Vdd) | 2V ~ 5.5V                     | 2V ~ 5.5V                             | 2V ~ 5.5V                     | 2V ~ 5.5V              |
| Core Size                  | 8-Bit                         | 8-Bit                                 | 8-Bit                         | 8-Bit                  |
| Program Memory Type        | FLASH                         | FLASH                                 | FLASH                         | FLASH                  |
| Data Converters            | A/D 4x10b                     | A/D 4x10b                             | A/D 4x10b                     | A/D 4x10b              |

## PIC12F675-I/SN Datasheet PDF

Download PIC12F675-I/SN pdf datasheets and Microchip Technology documentation for PIC12F675-I/SN - Microchip Technology.

### Datasheets

[MPLAB® ICE2000 Spec.pdf](#)

[Tips N Tricks Guide.pdf](#)

[PIC12F629,675, PIC16F630,676 Programming.pdf](#)

PIC12F629, 675.pdf

### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

### PCN Assembly/Origin










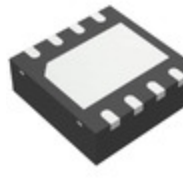

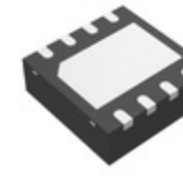




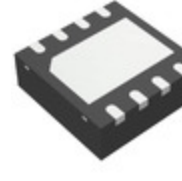

Manufacturing Change 07/Apr/2022.pdf

### PCN Design/Specification

Multiple Devices Datasheet Update 18/Aug/2014.pdf

## Customers Also Interested in

### Recommended Products

|   |  |   |   |   |   |
|---|--|---|---|---|---|
| <br><b>PIC12F675</b><br>MIC  | <br><b>PIC12F671-04I/SM</b><br>Micrel / Microchip Technology                          | <br><b>PIC12F683-I/P</b><br>Microchip Technology<br>IC MCU 8BIT 3.5KB FLASH 8DIP       | <br><b>PIC12F675T-I/SN</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8SOIC  | <br><b>PIC12F675-I/P</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8DIP      | <br><b>PIC12F683-E/SN</b><br>Microchip Technology<br>IC MCU 8BIT 3.5KB FLASH 8SOIC   |
| <br><b>PIC12F675T-E/SN</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8SOIC | <br><b>PIC12F675F-I/SS</b><br>Micrel / Microchip Technology                         | <br><b>PIC12F635T-I/SN</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8SOIC | <br><b>PIC12F683-I/MF</b><br>Microchip Technology<br>IC MCU 8BIT 3.5KB FLASH 8DFN-S | <br><b>PIC12F683-I/SN</b><br>Microchip Technology<br>IC MCU 8BIT 3.5KB FLASH 8SOIC   | <br><b>PIC12F675-I/MD</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8DFN |
| <br><b>PIC12F675-E/SN</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8SOIC  | <br><b>PIC12F635-I/SN</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8SOIC | <br><b>PIC12F675F</b><br>Micrel / Microchip Technology                               | <br><b>PIC12F635-I/P</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8DIP   | <br><b>PIC12F675-I/MF</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8DFN-S | <br><b>PIC12F675-E/P</b><br>Microchip Technology<br>IC MCU 8BIT 1.75KB FLASH 8DIP  |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support


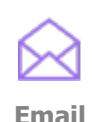
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



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