



## DSPIC30F5016-20E/PT

<b>Manufacturer Part Number:</b>	DSPIC30F5016-20E/PT
<b>Manufacturer/Brand:</b>	Micrel / Microchip Technology
<b>Part of Description:</b>	IC MCU 16BIT 66KB FLASH 80TQFP
<b>Datasheets:</b>	<a href="#">1.DSPIC30F5016-20E/PT.pdf</a> <a href="#">2.DSPIC30F5016-20E/PT.pdf</a> <a href="#">3.DSPIC30F5016-20E/PT.pdf</a> <a href="#">4.DSPIC30F5016-20E/PT.pdf</a> <a href="#">5.DSPIC30F5016-20E/PT.pdf</a> <a href="#">6.DSPIC30F5016-20E/PT.pdf</a> <a href="#">7.DSPIC30F5016-20E/PT.pdf</a>
<b>RoHS Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	DSPIC30F5016-20E/PT
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 66KB FLASH 80TQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	dsPIC™ 30F
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	80-TQFP
Supplier Device Package	80-TQFP (12x12)
Peripherals	Brown-out Detect/Reset, Motor Control PWM, QEI, POR,
Core Processor	dsPIC
Speed	20 MIPS
Number of I/O	68
EEPROM Size	1K x 8
RAM Size	2K x 8
Core Size	16-Bit
Connectivity	CAN, I <sup>2</sup> C, SPI, UART/USART
Program Memory Size	66KB (22K x 24)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Data Converters	A/D 16x10b
Oscillator Type	Internal
Packaging	Tray

DSPIC30F5016-20E/PT is New Original in Stock, Search DSPIC30F5016-20E/PT Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC30F5016-20E/PT Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC30F5016-20E/PT : Info@Y-IC.com

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|---------------------|-------------------|--------------------|--------------------|--------------------|
| AP1184K525LA        | AQV254HAX         | BH7236AF-E2        | BL8503-35          | BQ2057CSN          |
| BTB24-800B          | BZX79-C33         | C1608CH1V153J080AC | C1608X7R1H102K/10  | C2012JB1E225M125AC |
| C5750X7R2E684K230KA | CC0805MRX7R9BB102 | D4401N16T          | DA1206B601R-10     | ELM17407FA         |
| FDS8962C            | FT24C08A-USR-T    | GRM1555C1H3R5BA01D | IDT72V851L15PF     | IRKD162-02         |
| LM285LPRE3-1-2      | LT1782CS5#TRPBF.  | MAX4126EUA+T       | MAX4330EUK+T       | MAX4411EBE-T       |
| MAX9117EXK+T        | MIC2560-1YWM      | MS-MINITD2         | MT49H32M18FM-25E:A | N260CH28C          |
| NJU7662M            | PC48F4400P0TB0EE  | QM3004N3           | R5F213J5CNNP       | RPI-1040Z1         |
| SA1117BH-1.8        | SGA-4486          | SI4463-B1B-FM      | SM6T100CA          | SMDJ170A           |
| SPC5674FK0MVR3R     | SPI80N06S2-08     | TC1262-2.5VEB      | TC55RP3102ECB723   | TPS54356PWPR       |
| USB1T11AMX          | VE-J22-CZ         | VESD01A1B-02Z      | VI-22Y-03          | VUO34-16NO1        |

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