

## DSPIC33EP512GM706T-I/PT



### Microchip Technology

IC MCU 16BIT 512KB FLASH 64TQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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**0 pcs**

Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

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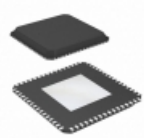
**5**

receive the goods

### Specifications

|                                 |   |
|---------------------------------|---|
| <b>Supplier Device Package:</b> | 64-TQFP (10x10)   |
| <b>Speed:</b>                   | 70 MIPS   |
| <b>Series:</b>                  | dsPIC™ 33EP   |
| <b>RAM Size:</b>                | 48K x 8   |
| <b>Program Memory Type:</b>     | FLASH   |
| <b>Program Memory Size:</b>     | 512KB (170K x 24)   |
| <b>Peripherals:</b>             | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, Motor Control PWM, POR, PWM, WDT |
| <b>Packaging:</b>               | Tape & Reel (TR)  |
| <b>Package / Case:</b>          | 64-TQFP   |
| <b>Oscillator Type:</b>         | Internal  |
| <b>Operating Temperature:</b>   | -40°C ~ 85°C (TA)   |
| <b>Number of I/O:</b>           | 53  |
| <b>EEPROM Size:</b>             | -   |
| <b>Data Converters:</b>         | A/D 30x10b/12b  |
| <b>Core Size:</b>               | 16-Bit  |
| <b>Core Processor:</b>          | dsPIC   |
| <b>Connectivity:</b>            | CAN, I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART                          |

### Related products

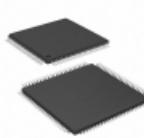


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IC MCU 16BIT 512KB FLASH 64QFN

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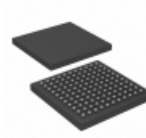


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#### DSPIC33EP512GM710-E/BG

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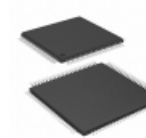


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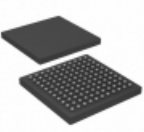


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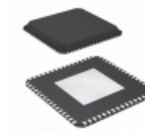


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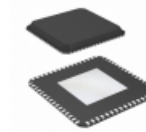


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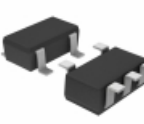


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IC PFC CTRLR 24V SOP

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#### BD46471G-TR

IC RESET CMOS 4.7V 100MS 5SSOP

[Rohm Semiconductor](#)

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#### XC6122D444ER-G

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#### TLVH431CDCKT

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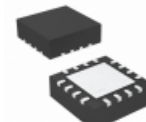


#### AZ431AR-ATRE1

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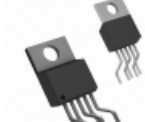


#### ISL6522BCRZ

IC REG CTRLR BUCK 16QFN

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#### LM2575HVT-12/LF03

IC REG BUCK 12V 1A TO220-5

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#### MIC5252-4.75BM5-TR

IC REG LDO 4.75V 0.15A SOT23-5

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