

## DSPIC30F6015T-20E/PT



### Microchip Technology

IC MCU 16BIT 144KB FLASH 64TQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2.5 V ~ 5.5 V
<b>Supplier Device Package:</b>	64-TQFP (10x10)
<b>Speed:</b>	20 MIPS
<b>Series:</b>	dsPIC™ 30F
<b>RAM Size:</b>	8K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	144KB (48K x 24)
<b>Peripherals:</b>	Brown-out Detect/Reset, LVD, Motor Control PWM, QEI, 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 ~ 125°C (TA)
<b>Number of I/O:</b>	52
<b>EEPROM Size:</b>	4K x 8
<b>Data Converters:</b>	A/D 16x10b
<b>Core Size:</b>	16-Bit
<b>Core Processor:</b>	dsPIC
<b>Connectivity:</b>	CAN, I <sup>2</sup> C, SPI, UART/USART

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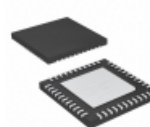


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#### DSPIC33EP128GM304-H/ML

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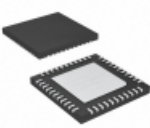


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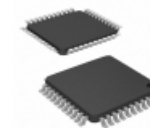


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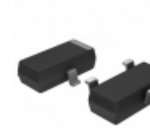


#### TPS61240YFFT

IC REG BOOST 5V 0.5A SYNC 6DSBGA

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#### S-8354A50MA-JRJT2G

IC REG BOOST 5V 0.3A SOT23-3

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