


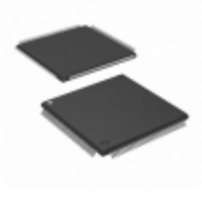





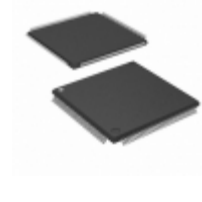

 life.augmented	<b>Manufacturer Part Number:</b> STM32F437ZIT7
	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> IC MCU 32BIT 2MB FLASH 144LQFP
	<b>Datasheets:</b>  <a href="#">STM32F437ZIT7.pdf</a>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	STM32F437ZIT7
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 2MB FLASH 144LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32 F4
Operating Temperature	-40°C ~ 105°C (TA)
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LCD, POR, PWM,
Core Processor	ARM® Cortex®-M4
Speed	168MHz
Number of I/O	114
EEPROM Size	-
RAM Size	256K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LIN, SPI,
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 24x12b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tray

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CAT34WC02P-1.8	CAT5419YI	CC0402KRX5R6BB105	CC1206KKX7RZBB221	CGJ4C2C0G1H332J060AA
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QS3384QG	RT9018A-25PSP	SKN20/14UNF	SM36DXC954	SMT4214G05
SN74LVC2G04DCKR	SST26VF032B-104I/MF	SST39VF6401B-70-4C-EKE.	SU48-24-200-1	T130N1600BOC
TC74HCT244AF	TL081CPS	TN5D41A-HB11-E	TZC3P300AA01R00	XRCGB24M000F0L00R0

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