







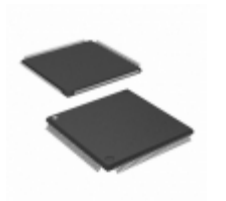


 life.augmented	Manufacturer Part Number: STM32F437ZIT6
	Manufacturer/Brand: STMicroelectronics
	Part of Description: IC MCU 32BIT 2MB FLASH 144LQFP
	Datasheets:  STM32F437ZIT6.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STM32F437ZIT6
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 ~ 85°C (TA)
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)
Peripherals	Brown-out Detect/Reset, DMA, I ² 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 ² 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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 CC1808JKNPOCBN471	 CL10C240JB8NNNC	 CS35-06i02	 CS810R/T/R	 FT24C512A
 G2R-2-5V	 GJM1555C1H8R4DB01D	 GRM0336T1E1R0CD01D	 GRM1556R1H4R6CZ01D	 GRM1557U1H160JZ01D
 GRM1887U1H621JZ01D	 GRM216R71H821KA01D	 HCNW2651-000E	 IPD50R520CP	 IRKTF72-08HM
 LM318MX/NOPB	 LQM21PN2R2NGCD	 LQW04AN4N3D00D	 MAX1836EUT50#TG16	 MAX6062AEUR+T
 MIC5305-1.5YD5	 NR6045T150M	 P6SMB13AT3	 PC28F256J3D95A	 RN1111FS
 RPM-012PBT97H	 SKM400GB063	 SMF15A-E3-08	 STH12N60FI	 T130N600EOC
 T9AS1D12-48	 TDA10025HN/C1	 TLC0820AIN	 TLP224GA-2	 TLV5636IDRG4
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