



ST10F296M

Part Number:	ST10F296M
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 16BIT 832KB FLASH 208PBG
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2725 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

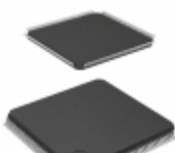
Specifications of ST10F296M

PART NUMBER	ST10F296M
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 16BIT 832KB FLASH 208PBG
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2725 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.5 V
SPEED	64MHz
SERIES	ST10
RAM SIZE	68K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	832KB (832K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	208-BGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	143
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ST10 ST10 Microcontroller IC 16-Bit 64MHz 832KB (832K x 8) FLASH
DATA CONVERTERS	A/D 32x10b
CORE SIZE	16-Bit
CORE PROCESSOR	ST10
CONNECTIVITY	ASC, CANbus, EBI/EMI, I²C, SSC, UART/USART
BASE PART NUMBER	ST10F296

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