



STMicroelectronics



ST10F296

Part Number:	ST10F296
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 16BIT 832KB FLASH 208PBG
Datasheets:	 ST10F296.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3277 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ST10F296

PART NUMBER	ST10F296
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 16BIT 832KB FLASH 208PBG
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3277 pcs
DATA SHEET	 ST10F296.pdf
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-PBGA
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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