



ST10F271Z1Q3

Part Number:	ST10F271Z1Q3
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 16BIT 256KB FLASH 144QFP
Datasheets:	 ST10F271Z1Q3.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ST10F271Z1Q3

PART NUMBER	ST10F271Z1Q3
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 16BIT 256KB FLASH 144QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ST10F271Z1Q3.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-PQFP (28x28)
SPEED	64MHz
SERIES	ST10
RAM SIZE	12K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-BQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	111
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 128KB (128K x 8) FLASH 144-PQFP (28x28)
DATA CONVERTERS	A/D 24x10b
CORE SIZE	16-Bit
CORE PROCESSOR	ST10
CONNECTIVITY	CANbus, I²C, SSC, UART/USART
BASE PART NUMBER	ST10F271

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