




Micrel / Microchip Technology

PIC16F1829LIN-E/SS

Part Number: PIC16F1829LIN-E/SS
 Manufacturer/Brand: Micrel / Microchip Technology
 Product description: IC MCU 8BIT 14KB FLASH 20SSOP
 Datasheets:
 1. [PIC16F1829LIN-E/SS.pdf](#)
 2. [PIC16F1829LIN-E/SS.pdf](#)
 3. [PIC16F1829LIN-E/SS.pdf](#)
 4. [PIC16F1829LIN-E/SS.pdf](#)
 5. [PIC16F1829LIN-E/SS.pdf](#)
 6. [PIC16F1829LIN-E/SS.pdf](#)
 RoHS Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of PIC16F1829LIN-E/SS

PART NUMBER	PIC16F1829LIN-E/SS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 14KB FLASH 20SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.PIC16F1829LIN-E/SS.pdf 2.PIC16F1829LIN-E/SS.pdf 3.PIC16F1829LIN-E/SS.pdf 4.PIC16F1829LIN-E/SS.pdf 5.PIC16F1829LIN-E/SS.pdf 6.PIC16F1829LIN-E/SS.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	20-SSOP
SPEED	32MHz
SERIES	PIC® XLP™ mTouch™ 16F
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	14KB (8K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT, IBT LIN/J2602
PACKAGING	Tube
PACKAGE / CASE	20-SSOP (0.209", 5.30mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	12
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 20-SSOP
DATA CONVERTERS	A/D 9x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I ² C, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC16F1829

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