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What is "[Embedded - Microcontrollers](#)"?

"[Embedded - Microcontrollers](#)" refer to small, integrated circuits designed to perform specific tasks within larger systems. These microcontrollers are essentially compact computers on a single chip, containing a processor core, memory, and programmable input/output peripherals. They are called "embedded" because they are embedded within electronic devices to control various functions, rather than serving as standalone computers. Microcontrollers are crucial in modern electronics, providing the intelligence and control needed for a wide range of applications.

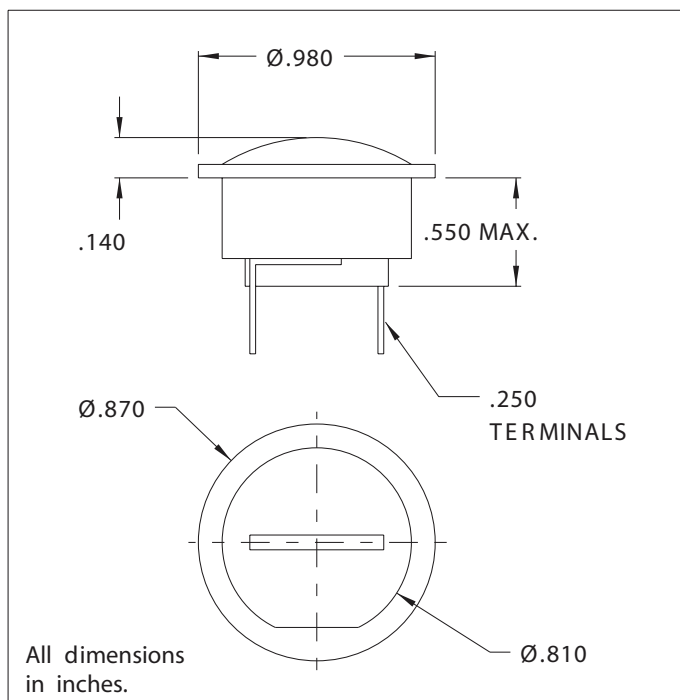
Applications of "[Embedded - Microcontrollers](#)"

Details

Product Status	Active
Core Processor	PIC
Core Size	8-Bit
Speed	32MHz
Connectivity	I ² C, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	12
Program Memory Size	14KB (8K x 14)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	1K x 8
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V
Data Converters	A/D 8x10b; D/A 1x8b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Through Hole
Package / Case	14-DIP (0.300", 7.62mm)
Supplier Device Package	14-PDIP
Purchase URL	https://www.e-xfl.com/product-detail/microchip-technology/pic16f1615-e-p

2620QK and 2622QK Series Non-Relampable Neon Indicator Light

Description and Features



Mounting: Supplied with speednut SN2089. Mounting hole pattern on page SP2.

Terminals: Quick-connect, tinned brass

Lens: Polycarbonate

Bezel: White nylon

Housing: White Nylon

Lens Color	Neon
	Model No. (105-125VAC)
Red	2620QK1
Amber	2620QK3
White	2620QK4
Green	2622QK5*
Lamp used	C2A+Resistor

*Incorporates G2B lamp and resistor
Underwriters Laboratories (UL) File No. E20356