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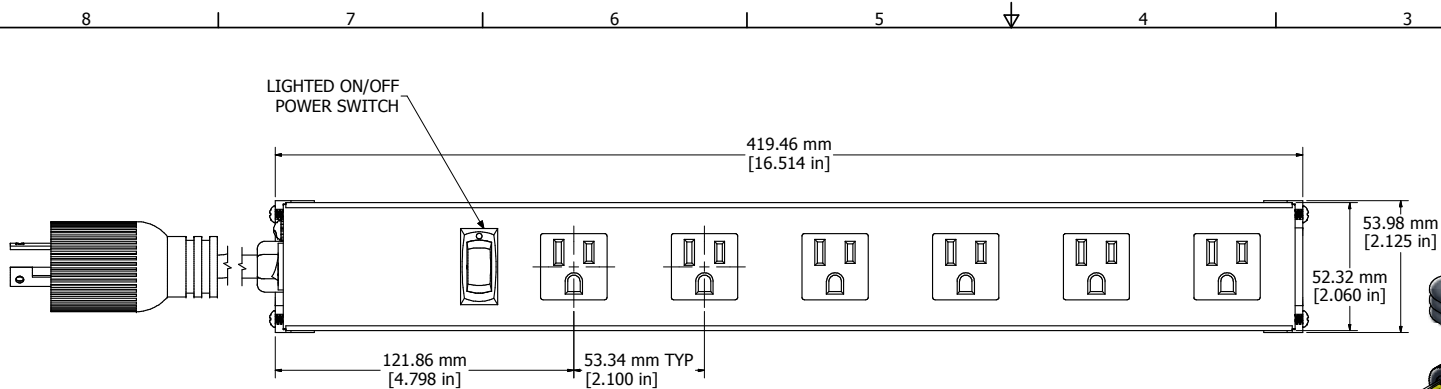
What is "[Embedded - Microcontrollers](#)"?

"[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.

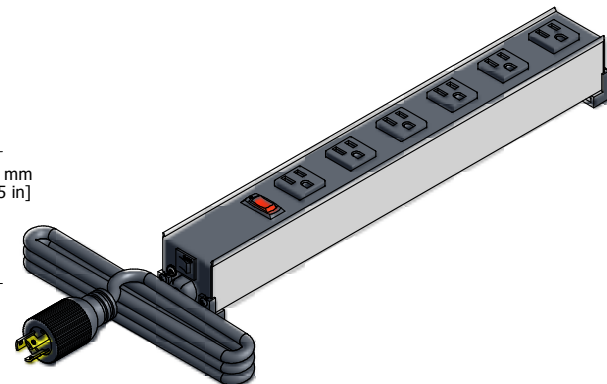
Applications of "[Embedded - Microcontrollers](#)"

Details

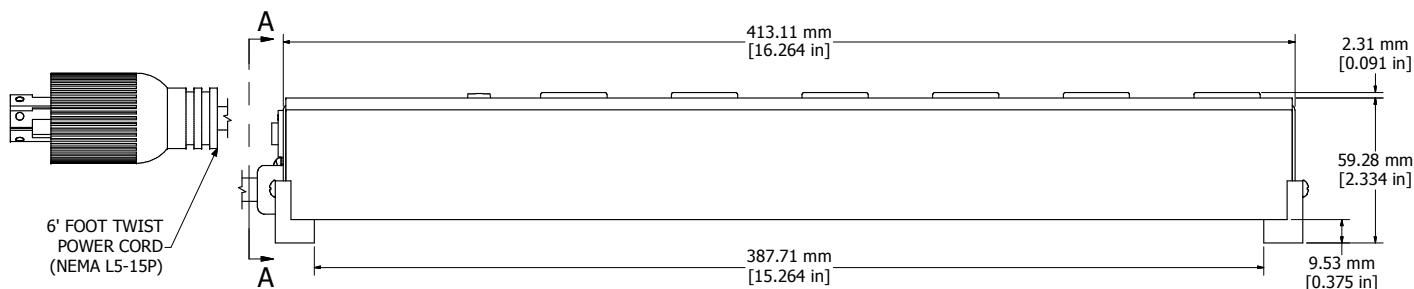
Product Status	Active
Core Processor	ARM® Cortex®-M0
Core Size	32-Bit Single-Core
Speed	50MHz
Connectivity	I ² C, Microwire, SPI, SSI, SSP, UART/USART, USB
Peripherals	Brown-out Detect/Reset, POR, WDT
Number of I/O	54
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	10K x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	64-LQFP
Supplier Device Package	64-LQFP (10x10)
Purchase URL	https://www.e-xfl.com/product-detail/nxp-semiconductors/lpc11u24fbd64-401



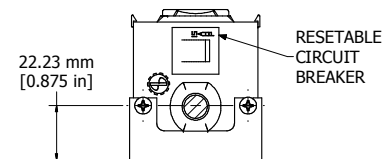
ASSEMBLY - VIEW FROM TOP



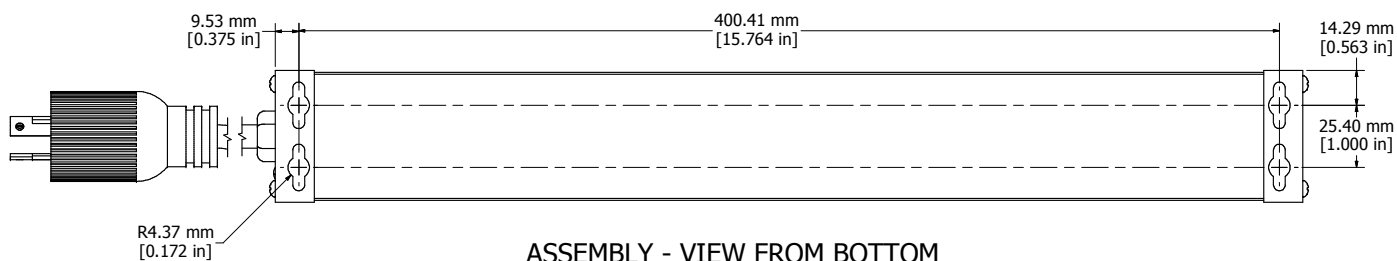
ISOMETRIC VIEW



ASSEMBLY - VIEW FROM SIDE



SECTION A-A



ASSEMBLY - VIEW FROM BOTTOM

1584H6**RA
Finish - Top - Black Painted Steel
Bottom - Aluminum Extrusion
Rated - 120 VAC, 60 Hz, 15 Amps
Approvals - CSA Certified Standards C22.2 (No. 21-95, 42-99)
- UL Listed, Standard UL1363
Cord Length
1584H6C1RA - 6' Foot Twist Power Cord (NEMA L5-15P)
1584H6D1RA - 15' Foot Twist Power Cord (NEMA L5-15P)



**HAMMOND
MANUFACTURING™**

1584H6RA**

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