E·XFL



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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 "<u>Embedded -</u> <u>Microcontrollers</u>"

Details

Product Status	Obsolete
Core Processor	C166
Core Size	16-Bit
Speed	36MHz
Connectivity	EBI/EMI, SPI, UART/USART, USB
Peripherals	POR, PWM, WDT
Number of I/O	56
Program Memory Size	-
Program Memory Type	ROMIess
EEPROM Size	-
RAM Size	3K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V
Data Converters	-
Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	100-LQFP
Supplier Device Package	PG-TQFP-100
Purchase URL	https://www.e-xfl.com/product-detail/infineon-technologies/saf-c161u-lf-v1-3

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