Welcome to E-XFL.COM

Understanding Embedded - Microprocessors

Embedded microprocessors are specialized computing chips designed to perform specific tasks within an embedded system. Unlike general-purpose microprocessors found in personal computers, embedded microprocessors are tailored for dedicated functions within larger systems, offering optimized performance, efficiency, and reliability. These microprocessors are integral to the operation of countless electronic devices, providing the computational power necessary for controlling processes, handling data, and managing communications.

Applications of Embedded - Microprocessors

Embedded microprocessors are utilized across a broad spectrum of applications, making them indispensable in

Details	
Product Status	Discontinued at Digi-Key
Core Processor	i3-3120ME
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	2.4GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	Yes
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	988-PGA Module
Supplier Device Package	988-PGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpi3m-2-4-3m9t

96MPI3M-2.4-3M9T

Product	96MPI3M-2.4-3M9T
Product Description	Intel i3-3120ME Dual Core 2.4G 3MB 988Pin(G)
Manufacturer	INTEL
Processor Number	I3-3120ME
Code Name	Ivy Bridge
Compatible Chipsets	HM65, QM67, QM77
Socket Type	PGA988
Clock Speed	2.4GHz
Bus Speed	5 GT/s
Smart Cache	3MB
Graphic Processor	Intel HD Graphics 4000
Manufacturing Technology	32NM
sSpec	SR0WM
Thermal Design Power	35W
Thermal Specification	105C
Multi-Core	2 Cores
64 bit Support	Yes
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q3 / 2012
EOL	Q3 / 2019