



N78E366AFG Information

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Part Number N78E366AFG

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 8BIT 64KB FLASH 44QFP

Package 44-BQFF

For the pricing/inventory/lead time, please contact

us

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E-mail: salesdept@heisener.com



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N78E366AFG Specifications

Manufacturer Part Number N78E366AFG Manufacturer Nuvoton Technology Corporation of America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 44-BQFP Series N78 Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity EBI/EMI, SPI, UART/USART Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package - Report errors?	*	
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Series N78 Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity EBI/EMI, SPI, UART/USART Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -		Embedded - Microcontrollers
Core Processor8051Core Size8-BitSpeed40MHzConnectivityEBI/EMI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O36Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1.25K x 8Voltage - Supply (Vcc/Vdd)2.4 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-BQFPSupplier Device Package-	Package	44-BQFP
Core Size 8-Bit Speed 40MHz Connectivity EBI/EMI, SPI, UART/USART Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Series	N78
Speed 40MHz Connectivity EBI/EMI, SPI, UART/USART Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 44-BQFP Supplier Device Package -	Core Processor	8051
Connectivity Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type Supplier Device Package - Brown-out Detect/Reset, LVD, POR, PWM, WDT 36 Brown-out Detect/Reset, LVD, POR, PWM, WDT 36 LVD, POR, PWM, WDT 36 44-BQFP Brown-out Detect/Reset, LVD, POR, PWM, WDT 36 44KB (64K x 8) FLASH FLASH EEPROM Size - 44-BQFP Supplier Device Package -	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package - Brown-out Detect/Reset, LVD, POR, PWM, WDT 36 Aux	Speed	40MHz
Number of I/O Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package - Supplier Device Package - 64KB (64K x 8) FLASH EEPROM Size - Internal - 1.25K x 8 Internal - 4.0°C ~ 85°C (TA) - 4.0°C ~ 85°C (TA) - 4.0°C ~ 85°C (TA) - 5.00 - 5.00 - 5.00 - 6.00 -	Connectivity	EBI/EMI, SPI, UART/USART
Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Number of I/O	36
EEPROM Size - 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Coscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Program Memory Size	64KB (64K x 8)
RAM Size 1.25K x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.4 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-BQFPSupplier Device Package-	EEPROM Size	-
Data Converters Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	RAM Size	1.25K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Data Converters	-
Mounting Type - Package / Case 44-BQFP Supplier Device Package -	Oscillator Type	Internal
Package / Case 44-BQFP Supplier Device Package -	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package -	Mounting Type	-
	Package / Case	44-BQFP
Report errors?	Supplier Device Package	-
		Report errors?

N78E366AFG Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

N78E366AFG Payment Methods



















N78E366AFG Shipping Methods













If you have any question about N78E366AFG, please do not hesitate to contact us!

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