



Image may be representation.
See specifications for product details.



LPC804M101JDH24FP

Manufacturer Part Number	LPC804M101JDH24FP
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-LPC804M101JDH24FP
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 32KB FLASH 24TSSOP
Package	24-TSSOP (0.173", 4.40mm Width)
Data sheet	LPC804.pdf
RoHs Status	ROHS3 Compliant

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LPC804M101JDH24FP - NXP USA Inc..New Original in Stock. Download Linear Technology LPC804M101JDH24FP datasheet/specifications on AllelcoElec.com.
Request a quote for LPC804M101JDH24FP, please send us email: info@allelco.com

Specifications

LPC804M101JDH24FP Tech Specifications
LPC804M101JDH24FP - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	24-TSSOP	Number of I/O	21
Speed	15MHz	Mounting Type	Surface Mount
Series	LPC80xM	EEPROM Size	-
RAM Size	4K x 8	Data Converters	A/D 12x12b; D/A 1x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	32KB (32K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	24-TSSOP (0.173", 4.40mm Width)	Base Product Number	LPC804
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. LPC804M101JDH24FP

Product Attribute				
Part Number	LPC804M101JDH24FP	LPC812M101JDH20	LPC802M001JDH20FP	LPC802M001JDH16FP
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Supplier Device Package	24-TSSOP	20-TSSOP	20-TSSOP	16-TSSOP
Base Product Number	LPC804	-	LPC802	LPC802
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
EEPROM Size	-	-	-	-
Package / Case	24-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
RAM Size	4K x 8	4K x 8	2K x 8	2K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tube	-	Tube	Tube
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Number of I/O	21	18	17	13
Series	LPC80xM	-	LPC80xM	LPC80xM
Speed	15MHz	30MHz	15MHz	15MHz
Data Converters	A/D 12x12b; D/A 1x10b	-	A/D 12x12b	A/D 12x12b
Program Memory Size	32KB (32K x 8)	16KB (16K x 8)	16KB (16K x 8)	16KB (16K x 8)
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.8V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V

LPC804M101JDH24FP Datasheet PDF

Download LPC804M101JDH24FP pdf datasheets and NXP USA Inc. documentation for LPC804M101JDH24FP - NXP USA Inc..


Datasheets


[LPC804.pdf](#)

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)


Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf





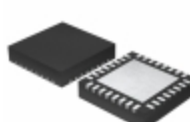
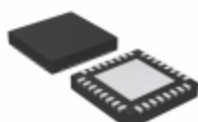












PCN Design/Specification

 LPC80 Revision Chg 10/Jan/2020.pdf

 LPC804 01/Oct/2018.pdf

Customers Also Interested in

Recommended Products

					
LPC812M001JDH20	LPC802M001JDH20FP	LPC802M001JDH20	LPC802M001JDH16FP	LPC802M001JHI33E	LPC804M101JHI33Y
NXP USA Inc. IC MCU 32BIT 16KB FLASH 20TSSOP	NXP USA Inc. IC MCU 32BIT 16KB FLASH 20TSSOP	Freescale / NXP Semiconductors	NXP USA Inc. IC MCU 32BIT 16KB FLASH 16TSSOP	NXP USA Inc. IC MCU 32BIT 16KB FLASH 33HVQFN	NXP USA Inc. IC MCU 32BIT 32KB FLASH 32HVQFN
					
LPC804M101JHI33	LPC812M101JDH16	LPC804M101JDH24J	LPC802M001JDH16J	LPC812M101JDH20FP	LPC802M001JDH20J
Freescale / NXP Semiconductors	Freescale / NXP Semiconductors	NXP USA Inc. IC MCU 32BIT 32KB FLASH 24TSSOP	NXP USA Inc. IC MCU 32BIT 16KB FLASH 16TSSOP	NXP USA Inc. IC MCU 32BIT 16KB FLASH 20TSSOP	NXP USA Inc. IC MCU 32BIT 16KB FLASH 20TSSOP
					
LPC811M001JDH16	LPC812M101JD20	LPC812M101JDH16FP	LPC8033-S	LPC804M101JDH20J	LPC804M101JDH24
NXP USA Inc. IC MCU 32BIT 8KB FLASH 16TSSOP	Freescale / NXP Semiconductors	NXP USA Inc. IC MCU 32BIT 16KB FLASH 16TSSOP	LEPOWER	NXP USA Inc. IC MCU 32BIT 32KB FLASH 20TSSOP	Freescale / NXP Semiconductors

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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