



LPC4330FET100Y Information

Heisener.com

Part Number LPC4330FET100Y

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 32BIT ROMLESS 100TFBGA

Package 100-TFBGA

For the pricing/inventory/lead time, please contact

us

For Reference Only

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LPC4330FET100Y Specifications

Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 100-TFBGA Series LPC43xx Core Processor ARM? Cortex?-M4/M0 Core Size 32-Bit Dual-Core Speed 204MHz Connectivity CAN, EBI/EMI, Ethernet, 12C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG Peripherals Brown-out Detect/Reset, DMA, 12S, POR, PWM, WDT Number of I/O 49 Program Memory Size - Program Memory Type ROMIess EEPPOM Size - RAM Size 264K x 8 Voltage - Supply (Vcc /Vdd) 2.2 V ~ 3.6 V Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	Manufacturer Part Number	LPC4330FET100Y
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Core ProcessorARM? Cortex?-M4/M0Core Size 32 -Bit Dual-CoreSpeed 204 MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTGPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O 49 Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size 264 K x 8Voltage - Supply (Vcc /Vdd) 2.2 V ~ 3.6 VData Converters A/D $4x10b$; D/A $1x10b$ Oscillator TypeInternalOperating Temperature -40° C ~ 85° C (TA)Mounting Type-Package / Case 100 -TFBGA	Package	100-TFBGA
Core Size 32-Bit Dual-Core Speed 204MHz Connectivity CAN, EBI/EMI, Ethernet, I2C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 49 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 264K x 8 Voltage - Supply (Vcc /Vdd) 2.2 V ~ 3.6 V Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	Series	LPC43xx
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Connectivity $CAN, EBI/EMI, Ethernet, I2C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 49 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 264K x 8 Voltage - Supply (Vcc /Vdd) 2.2 V ~ 3.6 V Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40^{\circ}\text{C} \sim 85^{\circ}\text{C} (TA) Mounting Type - Package / Case 100-TFBGA$	Core Size	32-Bit Dual-Core
Connectivity OTG Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 49 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 264K x 8 Voltage - Supply (Vcc /Vdd) Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	Speed	204MHz
Number of I/O 49 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 264K x 8 Voltage - Supply (Vcc /Vdd) 2.2 V ~ 3.6 V Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	Connectivity	
Program Memory Size Program Memory Type ROMless EEPROM Size	Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT
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RAM Size Voltage - Supply (Vcc /Vdd) Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	Program Memory Type	ROMless
Voltage - Supply (Vcc /Vdd) Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	EEPROM Size	-
/Vdd) Data Converters A/D 4x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	RAM Size	264K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	Voltage - Supply (Vcc /Vdd)	2.2 V ~ 3.6 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-TFBGA	Data Converters	A/D 4x10b; D/A 1x10b
Mounting Type - Package / Case 100-TFBGA	Oscillator Type	Internal
Package / Case 100-TFBGA	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	-
Sumplier Device Package 100-TERGA (9v9)	Package / Case	100-TFBGA
Supplied Device Lackage 100-11-DOA (383)	Supplier Device Package	100-TFBGA (9x9)

LPC4330FET100Y 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.

LPC4330FET100Y Payment Methods



















LPC4330FET100Y Shipping Methods













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