

LPC2377FBD144,551 Datasheet



DiGi Electronics Part Number	LPC2377FBD144,551-DG
Manufacturer	NXP Semiconductors
Manufacturer Product Number	LPC2377FBD144,551
Description	LPC2377 - Arm7, 10 Bit ADC Micr
Detailed Description	ARM7TDMI-S LPC2300 Microcontroller IC 16/32-Bit 72MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)

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Manufacturer Product Number:

LPC2377FBD144,551

Series:

LPC2300

Core Processor:

ARM7TDMI-S

Speed:

72MHz

Peripherals:

Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT

Program Memory Size:

512KB (512K x 8)

EEPROM Size:

-

Voltage - Supply (Vcc/Vdd):

3V ~ 3.6V

Oscillator Type:

Internal

Mounting Type:

Surface Mount

Package / Case:

144-LQFP

Manufacturer:

NXP Semiconductors

Product Status:

Active

Core Size:

16/32-Bit

Connectivity:

EBI/EMI, Ethernet, I2C, Microwire, SPI, SSI, SSP, UART/USART

Number of I/O:

104

Program Memory Type:

FLASH

RAM Size:

58K x 8

Data Converters:

A/D 1x10b SAR; D/A 1x10b

Operating Temperature:

-40°C ~ 85°C (TA)

Supplier Device Package:

144-LQFP (20x20)

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