

# LPC55S69JBD100K Datasheet



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DiGi Electronics Part Number	LPC55S69JBD100K-DG
Manufacturer	<a href="#">NXP Semiconductors</a>
Manufacturer Product Number	LPC55S69JBD100K
Description	LPC55xx - High Efficiency Arm??
Detailed Description	ARM® Cortex®-M33 LPC55S6x Microcontroller IC 32-Bit 150MHz 640KB (640K x 8) FLASH 100-HLQFP (14 x14)

This model LPC55S69JBD100K is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

LPC55569JBD100K

**Series:**

LPC5556x

**Core Processor:**

ARM® Cortex®-M33

**Speed:**

150MHz

**Peripherals:**

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

**Program Memory Size:**

640KB (640K x 8)

**EEPROM Size:**

-

**Voltage - Supply (Vcc/Vdd):**

1.8V ~ 3.6V

**Oscillator Type:**

Internal

**Mounting Type:**

Surface Mount

**Package / Case:**

100-LQFP

**Manufacturer:**

NXP Semiconductors

**Product Status:**

Active

**Core Size:**

32-Bit

**Connectivity:**

Flexcomm, I2C, MMC/SD/SDIO, SPI, UART/USART, USB

**Number of I/O:**

64

**Program Memory Type:**

FLASH

**RAM Size:**

320K x 8

**Data Converters:**

A/D 10x16b SAR

**Operating Temperature:**

-40°C ~ 105°C (TA)

**Supplier Device Package:**

100-HLQFP (14x14)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**ECCN:**

5A992C

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.31.0001

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