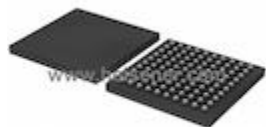


LPC1837JET100E Information


For Reference Only

Part Number [LPC1837JET100E](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 1MB FLASH 100TFBGA
Package 100-TFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


LPC1837JET100E Specifications

| | |
|-----------------------------|---|
| Manufacturer Part Number | LPC1837JET100E |
| Manufacturer | NXP |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 100-TFBGA |
| Series | LPC18xx |
| Core Processor | ARM? Cortex?-M3 |
| Core Size | 32-Bit |
| Speed | 180MHz |
| 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, WDT |
| Number of I/O | 49 |
| Program Memory Size | 1MB (1M x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | 16K x 8 |
| RAM Size | 136K 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 ~ 105°C (TA) |
| Mounting Type | - |
| Package / Case | 100-TFBGA |
| Supplier Device Package | 100-TFBGA (9x9) |

LPC1837JET100E 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.

LPC1837JET100E Payment Methods



LPC1837JET100E Shipping Methods



If you have any question about LPC1837JET100E, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com