



Maxim Integrated

## MAX32625ITK+

Part Number:	MAX32625ITK+
Manufacturer/Brand:	Maxim Integrated
Product description:	IC MCU 32BIT 512KB FLASH 68TQFN
Datasheets:	<a href="#">1.MAX32625ITK+.pdf</a> <a href="#">2.MAX32625ITK+.pdf</a> <a href="#">3.MAX32625ITK+.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of MAX32625ITK+

PART NUMBER	MAX32625ITK+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC MCU 32BIT 512KB FLASH 68TQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MAX32625ITK+.pdf</a> <a href="#">2.MAX32625ITK+.pdf</a> <a href="#">3.MAX32625ITK+.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.14 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	68-TQFN (8x8)
SPEED	96MHz
SERIES	-
RAM SIZE	160K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	68-WFQFN Exposed Pad
OTHER NAMES	MAX32625ITK MAX32625ITK-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-30°C ~ 85°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F - Microcontroller IC 32-Bit 96MHz 512KB (512K x 8) FLASH 68-TQFN (8x8)
DATA CONVERTERS	A/D 4x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	1-Wire, I <sup>2</sup> C, SPI, UART/USART, USB

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<p><b>MAX32625IWG+T</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 512KB FLASH 81WLP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>MAX32621-EVKIT#</b>                  Manufacturers: Maxim Integrated                  Description: SECURE SENSOR MEASUREMENT UC EV-                  In stock: 3 pcs  <a href="#">RFQ</a></p>
<p><b>MAX32625-EVKIT#</b>                  Manufacturers: Maxim Integrated                  Description: EVAL KIT MAX32625                  In stock: 2 pcs  <a href="#">RFQ</a></p>	<p><b>MAX32625ITKL+</b>                  Manufacturers: Maxim Integrated                  Description: ENTERPRISE LITE ARM M4 32 BIT MI                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>MAX32625ITK+T</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 512KB FLASH 68TQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>MAX32621ICQ+</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 2MB FLASH 100TQFP                  In stock: 90 pcs  <a href="#">RFQ</a></p>
<p><b>MAX32621IWG+T</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 2MB FLASH 81WLP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>MAX32621IWG+</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 2MB FLASH 81WLP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>MAX32625ITKL+T</b>                  Manufacturers: Maxim Integrated                  Description: ENTERPRISE LITE ARM M4 32 BIT MI                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>MAX32625IWG+</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 512KB FLASH 81WLP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>MAX32621IWG+W</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 2MB FLASH 81WLP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>MAX32625IWY+</b>                  Manufacturers: Maxim Integrated                  Description: IC MCU 32BIT 512KB FLASH 63WLP                  In stock: Out stock  <a href="#">RFQ</a></p>

