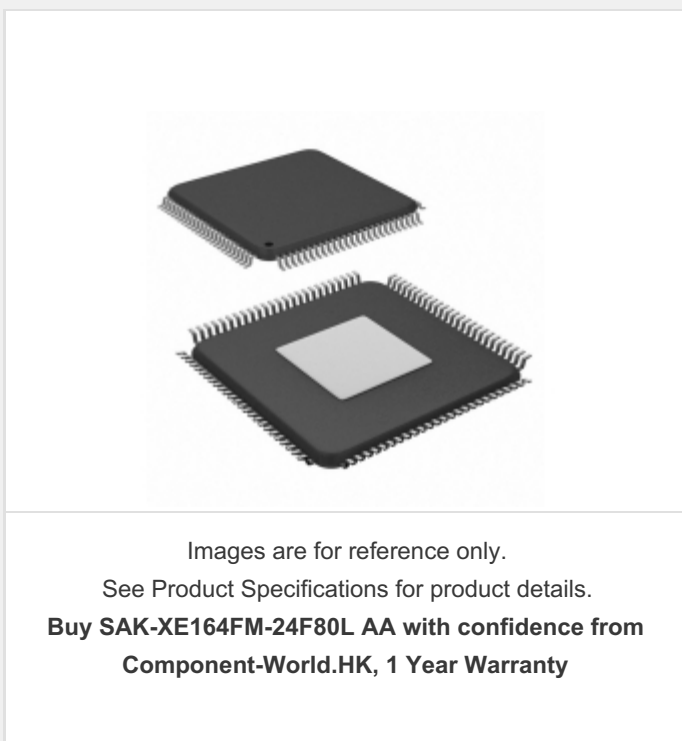


**SAK-XE164FM-24F80L AA**



**Part Number:** [SAK-XE164FM-24F80L AA](#)  
**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)  
**Description:** IC MCU 16BIT 192KB FLASH 100LQFP  
**Data sheet:** [XE164xM](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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PRODUCT PARAMETER	
<b>Part Number</b>	SAK-XE164FM-24F80L AA
<b>Description</b>	IC MCU 16BIT 192KB FLASH 100LQFP
<b>Quantity Available</b>	5567 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	PG-LQFP-100-8
<b>Series</b>	XE16x
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	I <sup>2</sup> S, POR, PWM, WDT
<b>Package / Case</b>	100-LQFP Exposed Pad
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	76
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	C166SV2 XE16x Microcontroller IC 16-Bit 80MHz 192KB (192K x 8) FLASH PG-LQFP-100-8
<b>Core Size</b>	16-Bit
<b>Connectivity</b>	CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SPI, SSC, UART/USART, USI
<b>Manufacturer</b>	<a href="#">International Rectifier (Infineon Technologies)</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">XE164xM</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	3 V ~ 5.5 V
<b>Speed</b>	80MHz
<b>RAM Size</b>	24K x 8
<b>Program Memory Size</b>	192KB (192K x 8)
<b>Packaging</b>	Tape & Reel (TR)
<b>Other Names</b>	SAK-XE164FM-24F80L AA-ND SAK-XE164FM-24F80LAA SP000628600
<b>Operating Temperature</b>	-40°C ~ 125°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>EEPROM Size</b>	-
<b>Data Converters</b>	A/D 16x10b
<b>Core Processor</b>	C166SV2
<b>Base Part Number</b>	SA*XE164FM

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	Part#: <a href="#">SAK-XE164HM-72F80L AA</a> Description: IC MCU 16BIT 576KB FLASH 100LQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
	Part#: <a href="#">SAK-XC888LM-6FFI 5V AC</a> Description: IC MCU 8BIT 24KB FLASH 64TQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
	Part#: <a href="#">SAK-XE164FN-16F80L AA</a> Description: IC MCU 16BIT 128KB FLASH 100LQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
	Part#: <a href="#">SAK-XE164GN-40F80L AA</a> Description: IC MCU 16BIT 320KB FLASH 100LQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
	Part#: <a href="#">SAK-XE162FN-16F80L AA</a> Description: IC MCU 16BIT 128KB FLASH 64LQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
	Part#: <a href="#">SAK-XE162HN-16F80L AA</a> Description: IC MCU 16BIT 128KB FLASH 64LQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
	Part#: <a href="#">SAK-XE164HM-48F80L AA</a> Description: IC MCU 16BIT 384KB FLASH 100LQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
	Part#: <a href="#">SAK-XC888CM-8FFI 5V AC</a> Description: IC MCU 8BIT 32KB FLASH 64TQFP Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> <a href="#">RFQ</a>
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