

R7F7010184AFP#KA4

R7F7010184AFP#KA4 Information

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Part NumberR7F7010184AFP#KA4ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 32BIT 144-LQFP

Package 80-LQFP

For the pricing/inventory/lead time, please contact

us

For Reference Only

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R7F7010184AFP#KA4 Specifications

Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 80-LQFP Series Core Processor Core Size \$32-Bit \$peed Connectivity Connectivity Peripherals DMA, PWM, WDT Number of I/O Program Memory Size Program Memory Type EEPROM Size RAM Size Voltage - Supply (Vcc/Vdd) Data Converters Operating Temperature Renesas Electronics America Integrated Circuits (ICs) Embedded - Microcontrollers RH850/Flx RH850/Flx RH850/GSK Core Size 80-LQFP RH850/GSK Core Size 80-LQFP RH850/GSK RH850/GSK Core Size 80-LQFP RH850/GSK RH850/GSK Core Size 80-LQFP RH850/GSK RH85		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 80-LQFP Series RH850/F1x Core Processor RH850G3K Core Size 32-Bit Speed 80MHz Connectivity CANbus, CSI, I²C, LINbus, SPI, UART/USART Peripherals DMA, PWM, WDT Number of I/O 65 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	Manufacturer Part Number	R7F7010184AFP#KA4
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Core Size Speed 80MHz Connectivity CANbus, CSI, I²C, LINbus, SPI, UART/USART Peripherals DMA, PWM, WDT Number of I/O 65 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters Oscillator Type Internal	Series	RH850/F1x
Speed 80MHz Connectivity CANbus, CSI, I ² C, LINbus, SPI, UART/USART Peripherals DMA, PWM, WDT Number of I/O 65 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	Core Processor	RH850G3K
Connectivity CANbus, CSI, I ² C, LINbus, SPI, UART/USART Peripherals DMA, PWM, WDT Number of I/O 65 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	Core Size	32-Bit
Peripherals DMA, PWM, WDT Number of I/O 65 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	Speed	80MHz
Number of I/O 65 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	Connectivity	CANbus, CSI, I ² C, LINbus, SPI, UART/USART
Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	Peripherals	DMA, PWM, WDT
Program Memory TypeFLASHEEPROM Size $32K \times 8$ RAM Size $64K \times 8$ Voltage - Supply (Vcc/Vdd) $3V \sim 5.5V$ Data ConvertersA/D $14x10b$, $11x12b$ Oscillator TypeInternal	Number of I/O	65
EEPROM Size $32K \times 8$ RAM Size $64K \times 8$ Voltage - Supply (Vcc/Vdd) $3V \sim 5.5V$ Data ConvertersA/D $14x10b$, $11x12b$ Oscillator TypeInternal	Program Memory Size	512KB (512K x 8)
RAM Size $64K \times 8$ Voltage - Supply (Vcc/Vdd) $3V \sim 5.5V$ Data Converters $A/D 14x10b, 11x12b$ Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	EEPROM Size	32K x 8
Data Converters A/D 14x10b, 11x12b Oscillator Type Internal	RAM Size	64K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V
71	Data Converters	A/D 14x10b, 11x12b
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Oscillator Type	Internal
	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 80-LQFP	Package / Case	80-LQFP
Supplier Device Package 80-LFQFP (12x12)	Supplier Device Package	80-LFQFP (12x12)
Report errors		Report errors?

R7F7010184AFP#KA4 Guarantees



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R7F7010184AFP#KA4 Payment Methods



















R7F7010184AFP#KA4 Shipping Methods













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