




Renesas Electronics America

R5F104FGAFP#30

Part Number:	R5F104FGAFP#30
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 16BIT 128KB FLASH 44LQFP
Datasheets:	1.R5F104FGAFP#30.pdf 2.R5F104FGAFP#30.pdf 3.R5F104FGAFP#30.pdf
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 R5F104FGAFP#30

PART NUMBER	R5F104FGAFP#30
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 128KB FLASH 44LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.R5F104FGAFP#30.pdf 2.R5F104FGAFP#30.pdf 3.R5F104FGAFP#30.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-LQFP (10x10)
SPEED	32MHz
SERIES	RL78/G14
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	44-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	31
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	8K x 8
DETAILED DESCRIPTION	RL78 RL78/G14 Microcontroller IC 16-Bit 32MHz 128KB (128K x 8) FLASH 44-LQFP (10x10)
DATA CONVERTERS	A/D 10x8/10b, D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	RL78
CONNECTIVITY	CSI, I ² C, LINbus, UART/USART
BASE PART NUMBER	R5F104

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