



DF71313AD80FPV Information



For Reference Only

Part Number DF71313AD80FPV

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers

Description IC MCU 32BIT 128KB FLASH 80LQFP

Package 80-LQFP

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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DF71313AD80FPV Specifications

Manufacturer Part Number DF71313AD80FPV Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 80-LQFP Series SuperH? SH7137 Core Processor SH-2 Core Size 32-Bit Speed 80MHz Connectivity CAN, EBI/EMI, 12C, SCI, SSU Peripherals POR, PWM, WDT Number of I/O 44 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type External Operating Temperature +40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP Supplier Device Package 80-LQFP	1	
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Connectivity CAN, EBI/EMI, I2C, SCI, SSU Peripherals POR, PWM, WDT Number of I/O 44 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP	Core Size	32-Bit
PeripheralsPOR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP	Speed	80MHz
Number of I/O 44 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP	Connectivity	CAN, EBI/EMI, I2C, SCI, SSU
Program Memory Size Program Memory Type FLASH EEPROM Size RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type External Operating Temperature A/O *C ~ 85 °C (TA) Mounting Type - Package / Case 128KB (128K x 8) FLASH - ELASH - EXEMMENT - 80-LQFP	Peripherals	POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP	Number of I/O	44
EEPROM Size - 8K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP	Program Memory Size	128KB (128K x 8)
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Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP	EEPROM Size	-
Data ConvertersA/D 12x12bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP	RAM Size	8K x 8
Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP	Data Converters	A/D 12x12b
Mounting Type - Package / Case 80-LQFP	Oscillator Type	External
Package / Case 80-LQFP	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	-
Supplier Device Package 80-LOFP (14x14)	Package / Case	80-LQFP
outplied bevice ruckage	Supplier Device Package	80-LQFP (14x14)
Report errors?		Report errors?

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DF71313AD80FPV Shipping Methods













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