

DN3687GFPV



Part Number: [DN3687GFPV](#)

Manufacturer [Renesas Electronics America](#)

Description IC MCU 16BIT 56KB FLASH 64LQFP

Data sheet:  [H8/3687 Group Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

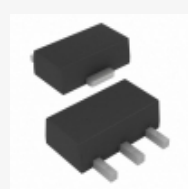
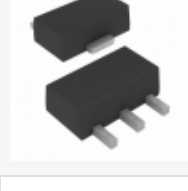
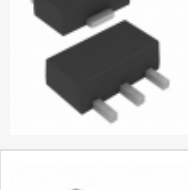
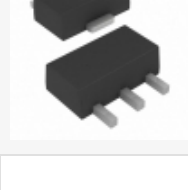
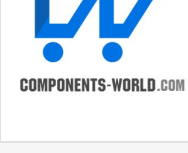
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PRODUCT PARAMETER			
Part Number	DN3687GFPV	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 56KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11143 pcs	Data sheet	H8/3687 Group Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	20MHz
Series	H8® H8/300H Tiny	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	56KB (56K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-20°C ~ 75°C (TA)	Number of I/O	43
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	24 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	512 x 8
Detailed Description	H8/300H H8® H8/300H Tiny Microcontroller IC 16-Bit 20MHz 56KB (56K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 8x10b
Core Size	16-Bit	Core Processor	H8/300H
Connectivity	I²C, SCI	Base Part Number	HD64F3687
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RELATED PRODUCTS			
	Part#: ATMEGA64M1-AU Description: IC MCU 8BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DN350T05-7 Description: TRANS NPN 350V 0.5A SOT23-3	Manufacturers: Diodes Incorporated	RFQ
	Part#: DN3694GFPV Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DN3535N8-G Description: MOSFET N-CH 350V 0.23A SOT89-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DN3525N8-G Description: MOSFET N-CH 250V 360MA SOT89-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DN3145N8-G Description: MOSFET N-CH 450V 0.1A SOT89-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MSP430G2312IRSA16R Description: IC MCU 16BIT 4KB FLASH 16QFN	Manufacturers: N/A	RFQ
	Part#: DS72011RW100FPV Description: IC MCU 32BIT ROMLESS 176LFQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DN3765K4-G Description: MOSFET N-CH 650V 300MA 3DPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: R5F5631YHDFB#V0 Description: IC MCU 32BIT 1MB FLASH 144LFQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DN30-50P(50) Description: CONN D-TYPE PLUG 50POS STR IDC	Manufacturers: Hirose	RFQ
	Part#: DN3545N8-G Description: MOSFET N-CH 450V 0.2A SOT89-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MB90922NCSPMC-GS-118E1 Description: IC MCU 16BIT 256KB MROM 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: DN3135N8-G Description: MOSFET N-CH 350V 0.135A SOT89-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: EFM32G842F64-QFP64T Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: DN3545N3-G Description: MOSFET N-CH 450V 0.136A TO92-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MSP430F135IRTD Description: IC MCU 16BIT 16KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: R5F100AAGSP#V0 Description: RL78/G13 16KB/2KB+4KB 30SSOP -40	Manufacturers: Renesas Electronics America	RFQ
	Part#: DN3135K1-G Description: MOSFET N-CH 350V 72MA SOT23-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: STM32F070C6T6TR Description: LQFP 48 7X7X1.4 1	Manufacturers: STMicroelectronics	RFQ

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