C8051F825-GSR Information

For Reference Only

Part Number	C8051F825-GSR
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Description	IC MCU 8BIT 8KB FLASH 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

C8051F825-GSR Specifications

Manufacturer Part Number	C8051F825-GSR
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	16-SOIC (0.154", 3.90mm Width)
Series	C8051F82x
Core Processor	8051
Core Size	8-Bit
Speed	25MHz
Connectivity	SMBus (2-Wire/I2C), SPI, UART/USART
Peripherals	Cap Sense, POR, PWM, Temp Sensor, WDT
Number of I/O	13
Program Memory Size	8KB (8K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	256 x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 12x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC

Report errors?

C8051F825-GSR Guarantees

Quality Guarantees
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

Service Guarantees
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

C8051F825-GSR Payment Methods

C8051F825-GSR Shipping Methods

If you have any question about C8051F825-GSR, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com