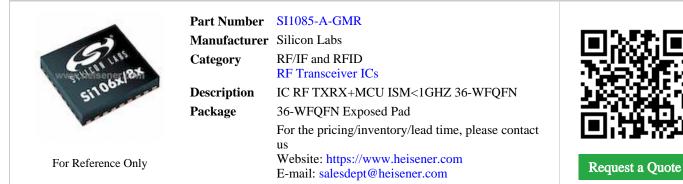


# SI1085-A-GMR

#### SI1085-A-GMR Information



### **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.



# SI1085-A-GMR Specifications

Manufacturer Part Number	SI1085-A-GMR	
Manufacturer	Silicon Labs	
Category	RF/IF and RFID	
	RF Transceiver ICs	
Package	36-WFQFN Exposed Pad	
Series	-	
Туре	TxRx + MCU	
RF Family/Standard	General ISM < 1GHz	
Protocol	-	
Modulation	4FSK, 4GFSK, FSK, GFSK, OOK	
Frequency	283MHz ~ 350MHz, 425MHz ~ 525MHz, 850MHz ~ 960MHz	
Data Rate (Max)	500kbps	
Power - Output	13dBm	
Sensitivity	-116dBm	
Memory Size	8kB Flash, 768B RAM	
Serial Interfaces	I2C, SPI, UART	
GPIO	15	
Voltage - Supply	1.8 V ~ 3.6 V	
Current - Receiving	10.7mA ~ 13.7mA	
Current - Transmitting	18mA ~ 29mA	
Operating Temperature	-40°C ~ 85°C	
Package / Case	36-WFQFN Exposed Pad	
		Report errors?

#### SI1085-A-GMR 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 EUARANTEE

#### **Service Guarantees**

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

#### SI1085-A-GMR Payment Methods



## SI1085-A-GMR Shipping Methods



If you have any question about SI1085-A-GMR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com