

Quick Comparison SIMCOM 800C-DS/800F/800C/800/800H

FEATURES	SIM800C-DS	SIM800F	SIM800C	SIM800	SIM800H
General	Quad-Band GSM/GPRS	Quad-Band GSM/GPRS	Quad-Band GSM/GPRS	Quad-Band GSM/GPRS	Quad-Band GSM/GPRS
	17.6*15.7*2.3mm	24*24*3mm	17.6*15.7*2.3mm	24*24*3mm	15.8*17.8*2.4mm
	850/900/1800/1900MH	850/900/1800/1900MH	850/900/1800/1900MH	850/900/1800/1900MH	850/900/1800/1900MH
	LCC and LGA pads, support Dual-SIM.	SMT type	SMT type	SMT type	LGA type
	NA	NA	NA	Bluetooth and Embedded AT	Bluetooth, FM and Embedded AT
	NA	NA	NA	Bluetooth: compliant with 3.0+EDR	Bluetooth: compliant with 3.0+EDR
Software	•SSL	•SSL	•SSL	• TTS (optional)	• TTS
	•TTS_CN (optional)	•Bluetooth 3.0 (optional)	• Bluetooth 3.0(optional)	• Embedded AT (optional)	• Embedded AT (optional)
				• Java (optional)	
GPRS Data	NA	NA	NA	• Non transparent mode	• Non transparent mode
	NA	NA	NA	• CSD up to 14.4 kbps	• CSD up to 14.4 kbps
Interfaces	77 SMT pins with •SIM Card Interfaces (Dual Standby)	68 SMT pins with • Analog audio interface	42 SMT pins with • Analog audio interface	• 68 SMT pads with • Analog audio interface	88 LGA pads with • Analog audio interface
	---SIM card 1: 3V/1.8V	• RTC backup	• RTC backup	• PCM interface(optional)	• PCM interface
	---SIM card 2: 3V/1.8V	• USB interface	• USB interface	• SPI interface (optional)	• RTC backup
	•Analog audio interface	• Serial interface	• Serial interface	• RTC backup	• Serial interface
	•I2C interface	• GPIO	• GPIO	• USB interface	• Interface to external SIM 3V/1.8V
	•USB interface	• ADC	• ADC	• Interface to external SIM 3V/1.8V	• Keypad interface
	•Serial interface	• PWM	• GSM Antenna pad	• Keypad interface	• GPIO
	•PCM	• I2C	• Bluetooth Antenna pad	• GPIO	• ADC
	•SD	• GSM Antenna pad		• ADC	• GSM Antenna pad
	•GPIO	• Bluetooth Antenna pad		• GSM Antenna pad	• FM Antenna pad
	•ADC			• Bluetooth Antenna pad	• Bluetooth Antenna pad
	•GSM Antenna pad				
Certifications	•ROHS	• ROHS	• CE	• CE	• CE
	•REACH	• REACH	• FCC	• GCF	• GCF
			• TA	• FCC	• FCC
			• ROHS	• TA	• ROHS
			• REACH	• CTA	• REACH
			• CTA	• CCC	• PTCRB
			• CCC (on going)	• ROHS	• CCC
				• REACH	• Anatel
				• ANATEL	• A-TICK
				• A-TICK	• CTA
					• TA

Key points:

1. Dual-SIM support : Sim800C-DS
2. Bluetooth and Embedded AT : Sim800
3. Bluetooth, FM and Embedded AT : Sim800H
4. Java : Sim800
5. SPI interface (optional) : Sim800
6. I2C Interface : SIM800C-DS, SIM800F