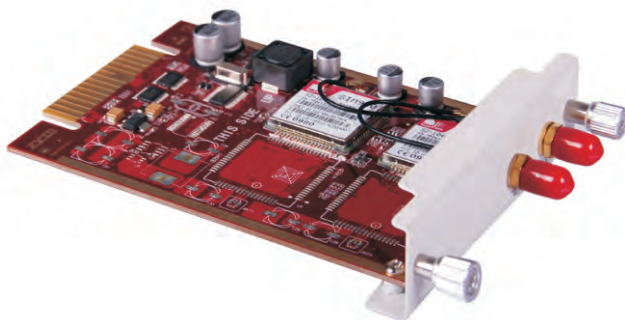




CooVox V2 GSM Module Datasheet



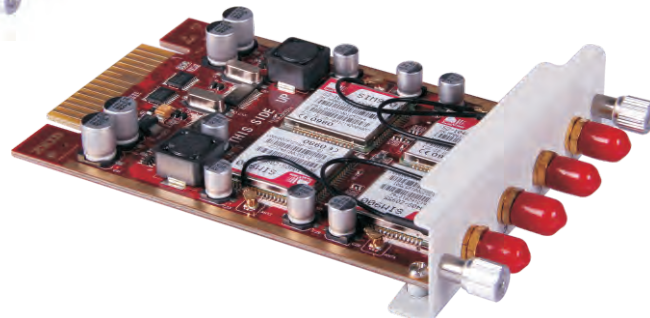
2GSM



1GSM



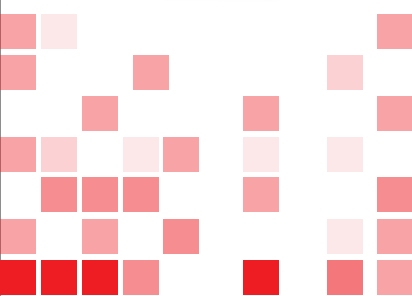
4GSM



Designed with SIM900 for global market, SIM900 is a quad-band GSM engine that works on frequencies GSM 850MHz, EGSM 900MHz, DCS 1800MHz and PCS 1900MHz.

SIM900 key features

Feature	Implementation
Power supply	Single supply voltage 3.4V-4.5V
Power saving	Typical power consumption is SLEEP mode is 1.5mA(BS-PA-MFRMS=5)
Frequency Bands	SIM900 quad-band:GSM850, EGSM 900, DCS 1800, PCS 1900. The SIM900 can search the 4 frequency bands automatically. Compliant to GSM Phase 2/2+
GSM class	Small MS
Transmitting power	Class 4(2W) at GSM 850 and EGSM 900 Class 1(1W) at DCS 1800 and PCS 1900
Temperature range	Normal operation: -30-+80 degrees Centigrade



GSM Module Specification

Model No.	1GSM	2GSM	4GSM
Number of Quad Band GSM channels per module	1	2	4
External antennas	1	2	4
SIM Cards	1 total	2 total	4 total 4 internally accessible
External power supply required	No		
Interoperable modules	4FXO 4FXS 2FXOS 4BRI 1E1/T1(PRI)		
Supported protocols	Voice (2G) SMS		
Accessibility	Through Asterisk 1.8x		

The 1GSM module applies to CooVox-U20 IP Phone system; 2/4 GSM module applies to CooVox-U50/U80/U100 IP Phone System.

Each port has one LED(Light-Emitting Diodes), which is assembled on the mainboard.
The LED indicates port status:

- > Solid Red= Module loading successful
- > Blink Red= Channel Ringing

If the LED is off, the GSM module is loading failure

Environmental Operation Information

Temperature: 0°C ~ 40°C

Humidity: 5% ~ 95% Non-Condensing

Physical Dimensions

1GSM	30 x 51 mm
2/4GSM	88.5 x 132 mm

Certifications

CE / FCC / RoHS