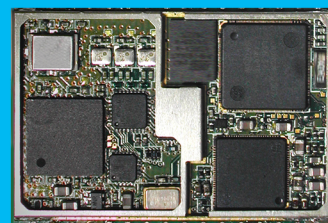


Chi Mei Communication Systems

GSM/GPRS Module

- Tri-band EGSM900/DCS1800/PCS1900
- Always on line: GPRS Class B, multi-slot Class 10
- Small form factor design
- Low power consumption
- SIM application tool kit
- Easy to integrate with a wide range of applications, such as mobile computers, handheld devices, fleet tracking systems, POS terminals, vending machines, and security systems.



Dimensions : 43 x 29 x 3.3 mm
Actual size

Specifications

Triple band operation

- EGSM 900, DCS 1800 and PCS 1900
- Discontinuous receiving for power saving (DRX)
- Discontinuous transmission (DTX)

Voice

- Half rate/Full rate/Enhanced full rate
- Echo cancellation for hands-free operation

Short message service (SMS)

- Mobile terminated/originated, point to point
- Cell broadcasting (CB)
- Text and PDU mode

FAX

- Group 3
- Alternative speech & facsimile
- Transparent mode

Supplementary service (SS)

- Line identification (CLIP, CLIR, CoLP)
- Call forwarding (CFU, CFB, CFNRy, CFNRc)
- Call completion (CW, HOLD, MPTY, CUG, UUS)
- Advise of charge (AoCI, AoCC)
- Call barring (BAOC, BOIC, BOIC-exHC, BAIC, BAIC-exRoam)
- Explicit call transfer (ECT)

Alternate line service (ALS)

Emergency call

SIM application tool kit up to class 3

Unstructured supplementary data (USSD)

Circuit switched data

- Upload/download
- Asynchronous
- Transparent/non-transparent mode
- Up to 9.6/14.4Kbps

GPRS Class B, Multi-slot Class 10

- 4 receiving slots, 2 transmitting slots, 5 maximum active, simultaneous network registration of GSM & GPRS
- CS1~CS4 coding scheme supported
- SMS over GPRS

Interface

- 16c750 compatible UART
- Supply voltage: 3.2V ~ 4.2V
- 3/5V SIM supported
- 50Ω antenna pad
- Analog audio input/output
- AT command set according to GSM 07.05, 07.07 including GPRS-specific or extension commands
- PPP stack

General information

- Dimensions: 43 x 29 x 3.3 mm
- Weight: 7g
- Operating temperature: from -10°C ~ +55°C

Approval

- R&TTE based on the reference configuration



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