



SIERRA WIRELESS FASTTRACK SUPREME

GSM/GPRS/EDGE WITH UNLIMITED EXPANDABILITY

- A range of self-contained modems supporting GSM/GPRS/EDGE 900/1800/850/1900 quad band
- Features an open standard Internal Expansion Socket which you can populate with an expansion card from Sierra Wireless – or one of your own design
- Available off-the-shelf expansion cards from Sierra Wireless include IO+USB, GPS+USB, IO+GPS+USB and Ethernet.
- Integrates a powerful CPU with an ARM9 32 bit, 26-104MHz core, programmable via any combination of AT commands, C/C++ and Lua
- Available with inSIM® embedded SIM for improved resistance to harsh environments

Technical Specifications

| | GPRS version | EDGE version |
|---|--|--|
| CELLULAR PERFORMANCES | | |
| BEARERS | GSM + GPRS class 10 | GSM + GPRS class 10 +EDGE class 10 |
| RADIO BANDS | Quad band 850/900/1800/1900 | Quad band 850/900/1800/1900 |
| APPROVALS | R&TTE, CE, GCF, FCC, PTCRB, China RTE, AT&T, E marking | R&TTE, CE, GCF, FCC, PTCRB, China RTE, AT&T, E marking |
| INTELLECTUAL PROPERTY RIGHTS (IPR) | √ | √ |
| CPU PERFORMANCES | | |
| PROCESSOR | ARM946 / DSP | ARM946 / DSP |
| CORE FREQUENCY (VARISPEED) | 104 MHz (26 MHz) | 104 MHz (26 MHz) |
| USER MIPS AVAILABLE (GSM STACK ACTIVE) | 87 MIPS | 87 MIPS |

Technical Specifications (continued)

| | GPRS version | EDGE version |
|---|--|--|
| AUDIO | | |
| ANALOGUE AUDIO | 1 x speaker out 1 x micro in | 1 x speaker out 1 x micro in |
| DIGITAL AUDIO CODEC QUALITY ECHO CANCELLATION & NOISE REDUCTION DTMF DECODER | HR, FR, EFR, AMR VDA2A √ (high) √ | HR, FR, EFR, AMR VDA2A √ (high) √ |
| INTERFACES | | |
| SERIAL (UART) | 1 | 1 |
| USB | 1 | 1 |
| GPIOS | 2 | 2 |
| ON/OFF | 1 | 1 |
| RF | 1 SMA | 1 SMA |
| LEDS | 2 | 2 |
| SUPPLY VOLTAGE | 7 to 36V | 7 to 36V |
| SIM VOLTAGE | 1.8V/3V | 1.8V/3V |
| inSIM® | √ | √ |
| CONTROL OPTIONS | | |
| AT COMMAND AND/OR C/C++ API AND/OR LUA SCRIPT | AT, C/C++, LUA | AT, C/C++, LUA |
| OPEN AT® OPERATING SYSTEM | | |
| MULTITASKED, REAL-TIME, PRE-EMPTIVE | √ | √ |
| MISCELLANEOUS | | |
| PACKAGING | Metal casing | Metal casing |
| OPERATIONAL TEMPERATURE | -30°C to +75°C | -30°C to +75°C |
| ROHS | √ | √ |
| ACCESSORIES | | |
| ANTENNA | √ (optional) | √ (optional) |
| POWER SUPPLY | √ (optional) | √ (optional) |
| RS232 DATA CABLE | √ (optional) | √ (optional) |
| USB DATA CABLE | √ (optional) | √ (optional) |