



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)