

GenPlug

Advanced OEM Solutions



3G
3G+

EDGE

GPRS

GSM

GPS

EGM

I/O

RS232

USB

IP
Stack

VOICE

3.6V
or 5V

AVL



Safe & Security



Telemetry

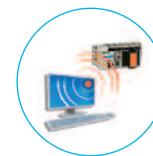





erco & gener

L'esprit Modem

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GenPlug Functions	GenPlug 16e	GenPlug 17e	GenPlug 35e
			
Connectivity			
GSM/GPRS (MHz)	850/900/1800/1900	850/900/1800/1900	850/900/1800/1900
3G/3G+ (MHz)	N.A	N.A	HSPA+ (800/850/900/1900/2100)
Data rates	GPRS Class 10	GPRS Class 10	DL 14.4Mbps UL 5.67Mbps
Antenna connector	RF pad (option : MMCX)	MMCX	U.FL (on module)
GPS			
Active antenna	N.A	✓	✓
Antenna connector	N.A	U.FL	U.FL (on module)
Interface			
Serial Port	1 UART	1 UART	1 UART
USB	N.A	N.A	1
GPIO (3,3V)	N.A	N.A	N.A
SPI Bus	N.A	N.A	N.A
SIM card	1 on board or 1 external	1 on board or 1 external	1 on board or 1 external
Voice	✓	✓	✓
LEDs	1	2	1
Power Supply			
External	3.6 Vdc (option : 3.3 Vdc to 5.5 Vdc)	3.6 Vdc	3.3 Vdc to 5.5 Vdc
Software			
TCP/IP Stack embedded	✓	✓	✓
Development tool	N.A	N.A	N.A
Application	N.A	N.A	N.A
Others			
Form factor (Socket)	✓	✓	✓
Starter Kit	✓	✓	✓
Operating temperature	-30°C + 60°C	-30°C + 60°C	-30°C + 60°C
Dimensions (mm)	64.5 x 34 x 15.5	64.5 x 34 x 15.5	69.5 x 34.9 x 15.5
Warranty	3 years	3 years	3 years