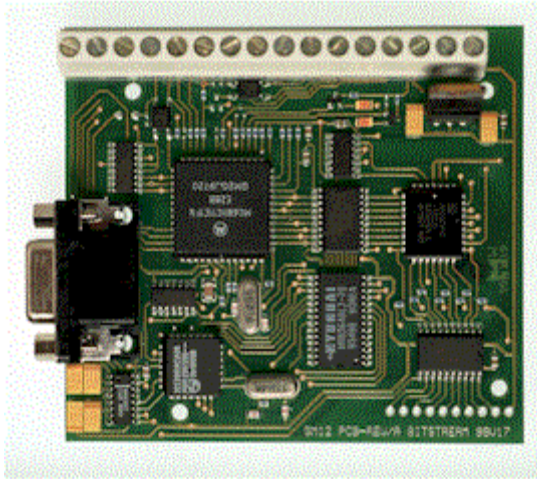


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DATA SHEET BS12 GSM Server



Bitstream GSM-Server BS12 is a complete server equipped with a industrial GSM-modem for wireless connection. The server has a software download feature of code and or parameters within standard software package. Using a standard PC with serial interface, there is no need for separate FLASH programming device.

Software can also be set to enable remote download of code/parameters through air interface.

Bitstreams products are designed to interact together with the most sophisticated interactive systems available in the market today and tomorrow - WAP, GSM, Bluetooth, or even satellite communication amongst others.

Any machinery can be integrated with information processing systems via wireless communication. Your machine/equipment in one end and Your mobile or computer in the other. The Bitstream solution in the middle. Communication in both directions. Receive information from or send instructions to Your machine/equipment

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Table 1: Physical

Design	PCB board without any extra casing
Weight	65 g
Dimensions	80 x 90 x 15 mm

Table 2: Input power

Input voltage	7-14V
Current consumption, typical	< 45mA (14V)

Table 3: System connectors

RS232	9 pin DSUB,(female standard PC)
RS232	-
1 Input	opto insulated
1 Output	opto insulated
3 Inputs, analog	A/D conversion, 8 bit resolution
3 Inputs	General
4 Input	Input Capture (interrupt)
3 Output	Output Compare (interrupt)
7 Input/Output	General
8 Outputs	General

Table 4: Miscellaneous features

Pulse accumulator functionality	PWM outputs
2 LEDs	Indication functionality
16 pin	Robust screw terminal
Opto expandable	8 opto (output) isolated devices

Table 5: Software program

FLASH, 128kByte,remote upgrade	Program memory
SRAM 8kByte	Data memory
EEPROM, 512 bytes, remote change	Parameter memory

Table 6: Temperature

Operating	-10 to +70C
Storage	-40 to +85C

Table 7: GSM

Frequency	900MHz
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Specification may change anytime without prior notice.