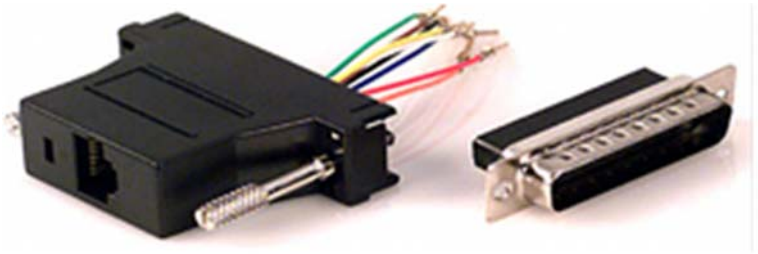
SPI Interface Access via DB-25 Parallel Port

Our PC application for SPI programming and testing access to Bluetooth modules, uses the following pins on the LPT1 port. The PC application operates in the Master role, while the module operates in the Slave role. The BlueSuite toolkit for firmware loading a testing includes BlueFlash (Firmware loading); BlueTest3 (RF and hardware testing); PSTools (Flash memory settings access).

BlueSuite is available here:
http://www.kcwirefree.com/docs/BlueSuite_2_5.zip



DB25 Adapter to PC

Computer <-> DB25 Adapter <-> Ethernet Cable <-> KC Spi Adapter <6 wires> KC Module

ADAPTER WIRE	DB25	SIGNAL	RJ45
BLUE	Pin 2	SPI CSB	Pin 1
ORANGE	Pin 5	UNUSED	Pin 2
BLACK	Pin10	SPI MISO	Pin 3
RED	Pin 4	UNUSED	Pin 4
GREEN	Pin 8	SPI MOSI	Pin 5
YELLOW	Pin 3	UNUSED	Pin 6
BROWN	Pin 9	SPI CLK	Pin 7
GREY	Pin24	GROUND	Pin 8

KC SPI Adapter to Module

KC Wirefree SPI Adapter - Connect RJ45 cable between this SPI adapter and the DB25 adapter. Then, the SPI Adapter provides 6 wires to a KC module: 3V3, Ground, SPI MOSI, SPI MISO, SPI CLK, SPI CS. A USB cable connection is also necessary to provide the 3V3 power source.