

6UL UARTs Usage:

- UART1 is Console --> to SiLab only
- UART3 and two HS --> BlueTooth Radio
- UART4 and one HS --> Xbee/NimbeLink Socket

FPGA UART Usage:

- FPGA has two 16550 UARTs for two RS-485 ports
- for V2 compatibility, must also allow single RS-422 port
- and a UART for the DB9 port (RS-232 with full HS)
- and two UARTs for COM2 and COM3 headers (RS-232)
- FPGA UART --> MikroBus Socket

D16 allows USB Host to power entire board
Do not pop D16 for production
U11 and D16 are for V2 compatibility

R230, R229, R227, R228 are strapping res. for options

