

REF DES	CONNECTOR	SIGS	PROTOCOL	PORT	REMARKS	PORT	SIGS	PROTOCOL	CONNECTOR	REF DES
J17	Micro-B	6	USB-232	COM0	USB device					
J15	SHDR-2x5	6	RS-232		IDC-10 to DE9F					
					Modified-Yost/TTL	COM0	6	TTL-serial	HDR-1x10	J16
J21	RJ45	4	Ethernet	LAN	IEEE 802.3 10BASE-T IEEE 802.3 100BASE-TX					
J22	USB-TYPE-A	2	USB 2.0	USB	USB host					
J23	USB-MICRO-B				USB device					
					SD memory card	SD	5	SPI	SD-SOCKET	XA1
J6	SHDR-2x5	2	CAN 2.0B	CAN	IDC-10 to DE9F, <i>de facto</i> Header for debugging	CAN	2	CAN 2.0B	HDR-1x4	J25
J2	TERM-1x5	4 2	RS-422 RS-485	COM1	BlackBox, B&B <i>de-facto</i>					
J3	SHDR-2x5	8	RS-232	COM1	Straight to IDC DE9M Modified-Yost/TTL	COM1	6	TTL-serial	HDR-1x10	J1
J4	SHDR-2x5	4	RS-232	COM2	Straight to IDC DE9M Modified-Yost/TTL	COM2	4	TTL-serial	HDR-1x10	J5
J8	SHDR-2x5	2 4 2	TTL-serial SPI I2C	COM3	Olimex UEXT					
J12	SHDR-2x3	4	SPI		AVR, Arduino, Raspberry Pi <i>de facto</i> Modified-Yost/TTL NXP, NXP 2002, Sparkfun <i>de facto</i>	COM3	2 2	TTL-serial I2C	HDR-1x4 HDR-1x6	J14 J9
J24	MINIDIN-6	2	OC	PS/2	PS/2 Keyboard/Mouse					
J13	SHDR-2x3	4	SPI	ISP	AVR, Arduino, Raspberry Pi <i>de facto</i> Microchip ICSP connector	ISP	4	PIC ICSP	HDR-1x6	J11
J7	SHDR-2x10	6	JTAG	JTAG	ARM20 Xilinx 9-pin standard	JTAG	4	JTAG	HDR-1x9/6	J9