



REF DES	CONNECTOR	SIGS	PROTOCOL	PORT	REMARKS	PORT	SIGS	PROTOCOL	CONNECTOR	R D
J17	Micro-B	6	USB-232		USB device					
J15	SHDR-2x5	6	RS-232	COM0	IDC-10 to DE9F					
					Modified-Yost/TTL	COM0	6	TTL-serial	HDR-1x10	J
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	X
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	J
J2	TERM-1x5	4	RS-422		BlackBox, B&B <i>de facto</i>					
J3	SHDR-2x5	2	RS-485	COM1						
		8	RS-232		Straight to IDC DE9M					
J4	SHDR-2x5	4	RS-232	COM2	Modified-Yost/TTL	COM1	6	TTL-serial	HDR-1x10	J
					Straight to IDC DE9M					
					Modified-Yost/TTL	COM2	4	TTL-serial	HDR-1x10	J
J8	SHDR-2x5	2	TTL-serial		Olimex UEXT					
		4	SPI	COM3						
		2	I2C							
J12	SHDR-2x3	4	SPI		AVR, Arduino, Raspberry Pi <i>de facto</i> Modified-Yost/TTL	COM3	2	TTL-serial	HDR-1x4	J
					NXP, NXP 2002, Sparkfun <i>de facto</i>		2	I2C	HDR-1x6	J
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	J
J7	SHDR-2x10	6	JTAG	JTAG	ARM20					
					Xilinx 9-pin standard	JTAG	4	JTAG	HDR-1x9/6	J