

20pin I/F

1.RS-232C Mode

No. of pins	Signal	I/O	Buffer Type	Internal	External handling	Comment
1	ADPIN	I		Adapter Input		Adapter Input 5.9V 2A Max.
2	XSELO	I	Schmit	1M. Pull Up	OPEN	RS-232C Mode:NC
3	GND	-		Digital GND	GND	GND
4	SELO	I	Schmit	1M. Pull Up	GND	RS-232C Mode:GND connection
5	SEL1	I	Schmit	1M. Pull Up	GND	RS-233C Mode:GND connection
6	SEL2	I	Schmit	1M. Pull Up	GND	RS-234C Mode:GND connection
7	MPX0	I/O	3-State	100K. Pull Up (only V3 On) and 1M. Pull Down	3.3V or 5V Pull Up	RS-232C Mode:3.3V Pull Up orNC
8	MPX1	O	CMOS 9mA 3-State	1M. Pull Down	3.3V or 5V Pull Up	RS-232C Mode:3.4V Pull Up orNC
9	MPX2	I	LVTTTL	5.6K. Pull Up (only V3 On)		RS-232C Mode:CTS
10	MPX7	I	LVTTTL	5.6K. Pull Up (only V3 On)		RS-232C Mode:DCD
11	MPX5	I	LVTTTL	5.6K. Pull Up (only V3 On)		RS-232C Mode:RXD
12	MPX4	O	CMOS 9mA 3-State	1M. Pull Down	3.3V or 5V Pull Up	RS-232C Mode:TXD
13	MPX3	O	CMOS 9mA 3-State	1M. Pull Down	3.3V or 5V Pull Up	RS-232C Mode:RTS
14	MPX8	O	CMOS 9mA 3-State	15K. Pull Up (only V3 On) and 1M. Pull Down	3.3V or 5V Pull Up	RS-232C Mode:DTR
15	MPX6	I	LVTTTL	5.6K. Pull Up (only V3 On) and 1M. Pull Down		RS-232C Mode:DSR
16	MPX9	I	LVTTTL	5.6K. Pull Up (only V3 On)	OPEN	RS-232C Mode:NC
17	+DATA	I/O	*1	1.5K. Pull Up	OPEN	RS-232C Mode:NC
18	-DATA	I/O	*1		OPEN	RS-232C Mode:NC
19	V3	O		Regulator 3.3V output		RS.232C Mode:3.3V Output (On/Off Control) 3.3V±5% 100mA Max.
20	ADGND	-		Adapter GND		Adapter GND

2.USB Mode

No. of pins	Signal	I/O	Buffer Type	Internal	External handling	Comment
1	ADPIN	I		Adapter Input		Adapter Input 5.9V 2A Max.
2	XSELO	I	Schmit	1M. Pull Up	OPEN	USB Mode:NC
3	GND	-		Digital GND	GND	GND
4	SELO	I	Schmit	1M. Pull Up	GND	USB Mode:GND connection
5	SEL1	I	Schmit	1M. Pull Up	GND	USB Mode:GND connection
6	SEL2	I	Schmit	1M. Pull Up	OPEN	USB Mode:NC
7	MPX0	I/O	3-State	100K. Pull Up (only V3 On) and 1M. Pull Down	OPEN	USB Mode:NC
8	MPX1	O	CMOS 9mA 3-State	1M. Pull Down	OPEN	USB Mode:NC
9	MPX2	I	LVTTTL	5.6K. Pull Up (only V3 On)	OPEN	USB Mode:NC
10	MPX7	I	LVTTTL	5.6K. Pull Up (only V3 On)	OPEN	USB Mode:NC
11	MPX5	I	LVTTTL	5.6K. Pull Up (only V3 On)	OPEN	USB Mode:NC
12	MPX4	O	CMOS 9mA 3-State	1M. Pull Down	OPEN	USB Mode:NC
13	MPX3	O	CMOS 9mA 3-State	1M. Pull Down	OPEN	USB Mode:NC
14	MPX8	O	CMOS 9mA 3-State	15K. Pull Up (only V3 On) and 1M. Pull Down	OPEN	USB Mode:NC
15	MPX6	I	LVTTTL	5.6K. Pull Up (only V3 On) and 1M. Pull Down	OPEN	USB Mode:NC
16	MPX9	I	LVTTTL	5.6K. Pull Up (only V3 On)	OPEN	USB Mode:NC
17	+DATA	I/O	*1	1.5K. Pull Up		USB Mode:+DATA (USB)
18	-DATA	I/O	*1			USB Mode:-DATA (USB)
19	V3	O		Regulator 3.3V output	OPEN	USB Mode:NC
20	ADGND	-		Adapter GND		Adapter GND

*1 Universal Serial Bus Specification Rev.1.1