

Jumper	pos. 1-2	pos. 2-3
UART Vss	GND	GND_OUT
UART Aux	INT (Konnex/EIB)	RTS (232/422/TTL)
DAC Vref+	+5V	+3.3V
DAC Vref-	GND	GND_OUT
Buzzer Vdd	Vout	+5V
Aux Vdd	Vout	+5V

ZigBee Connector	
Pin 1	+3.3V
Pin 2	Reset
Pin 3	FIFO
Pin 4	SDO
Pin 5	SCK
Pin 6	SFD
Pin 7	GND
Pin 8	Vreg
Pin 9	CSN
Pin 10	SDI
Pin 11	CCA
Pin 12	FIFOP

AUX2 Connector	
Pin 1	Encoder Index
Pin 2	PWM out 1 L
Pin 3	Encoder Channel A
Pin 4	PWM out 1 H
Pin 5	Encoder Channel B
Pin 6	PWM out 2 L
Pin 7	OC 8
Pin 8	PWM out 2 H
Pin 9	Analog Input 19
Pin 10	PWM out 3 L
Pin 11	OC 3
Pin 12	PWM out 3 H
Pin 13	DSP_PCLK
Pin 14	PWM out 4 L
Pin 15	DSP_PDATA
Pin 16	PWM out 4 H
Pin 17	DSP_MCLR
Pin 18	Analog Input 20
Pin 19	AVss EXT
Pin 20	Analog Input 21
Pin 21	AVdd EXT
Pin 22	GND

	Document Type: Technical data sheet [page 2 of 2]	Previous version & Author: v1 (30.04.2008) - Shiva
Product Code: FLEX109	Product Name: FLEX Demo Daughter Board	Current version & Author: v1 (30.04.2008) - Shiva

DAC Connector	
Pin 1	Analog Output 1
Pin 2	GND
Pin 3	Analog Output 2
Pin 4	GND

AUX Connector	
Pin 1	Data 1
Pin 2	Data 2
Pin 3	Vout / +5V (selectable)
Pin 4	GND

Power Connector	
Pin 1	Vout
Pin 2	GND_OUT
Pin 3	+5V
Pin 4	GND
Pin 5	+3.3V
Pin 6	GND

UART Connector	
Pin 1	CTS (232/TTL) / TX+ (422)
Pin 2	RX (232/TTL) / TX- (422) / 485- (485)
Pin 3	TX (232/TTL) / RX+ (422) / 485+ (485)
Pin 4	RTS (232/TTL) / RX- (422)
Pin 5	GND