

Figure 1: FLEX Multibus Base Daughter Board

MORS1 (RS232 module)	
Pin 1	CTS PC
Pin 2	RX PC
Pin 3	TX PC
Pin 4	RTS PC
Pin 5	GND

MORS2 (CAN1 module)	
Pin 1	O_CAN+
Pin 2	O_CAN-
Pin 3	GND

MORS3 (RS485 module)	
Pin 1	485-
Pin 2	485+
Pin 3	GND

MORS4 (CAN2 module)	
Pin 1	O_CAN+1
Pin 2	O_CAN-1
Pin 3	GND

MORS5 (I2C module)	
Pin 1	IIC_DIO_C
Pin 2	IIC_CK_C
Pin 3	GND

Standard Connectors for Piggybacking	
▪	64 pin [CON6]
▪	40 pin [CON5]
▪	16 pin [CON3]

	Document Type: Technical data sheet [page 2 of 2]	Previous version & Author: v1 (03.07.2008) - Shiva
	Product Code: FLEX101	Product Name: FLEX Multibus Base Daughter Board

MORS6 (SPI module)	
Pin 1	SPI_DO_C
Pin 2	SPI_DI_C
Pin 3	SPI_CLK_C
Pin 4	SPI_SS_C
Pin 5	GND

Module	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6
RS232 (FLEX103)	•	•				
RS485 (FLEX104)	•	•				
RS422 (FLEX105)	•					
CAN (FLEX106)			•	•		
SPI (FLEX107)						•
Serial TTL (FLEX108)	•	•				
I2C					•	

Jumper	pos. 1-2	pos. 2-3
JP1	FRCK_1	RESN
JP2	IIC_2 DIO	IIC_1 DIO
JP3	IIC_2 CLK	IIC_1 CLK
JP4	IIC_2 CS	IIC_1 CS
JP5	SPI_2 DI	SPI_1 DI
JP6	SPI_2 DO	SPI_1 DO
JP7	SPI_2 CLK	SPI_1 CLK
JP8	SPI_1 SS_up	SPI_1 SS
JP9	SPI_2 SS JP8/JP10	SPI_1 SS JP8/JP9
JP10	SPI_2 SS_up	SPI_2 SS
JP11	GND	GND_OUT
JP12	LAN SPI_2 DI	LAN SPI_1 DI
JP13	LAN SPI_2 DO	LAN SPI_1 DO
JP14	LAN SPI_2 CLK	LAN SPI_1 CLK
JP15	LAN SPI_2 SS	LAN SPI_1 SS

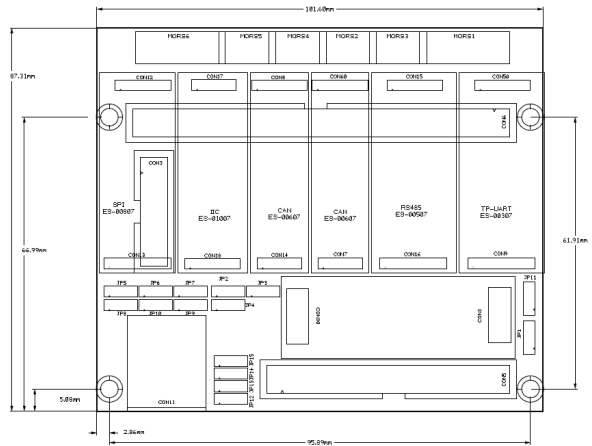


Figure 2: FLEX Multibus Base Daughter Board Dimensions