

EposMotelll Expasion Boards Outputs Pins List

Symbol Legends

- * Information not available yet.
- - Not used

Expansion Connector 1 - EXP1

EXP1	EposMotelll Pin	Hydrologic Station	GPRS/GPS	JTAG Board	IR Remote Controller	Serial Communication	Data Logger	Battery Monitor
1	PC1	-	GSM Status	-	-	*	*	-
2	PC0	-	GSM Netlight	-	-	*	*	-
3	PA0 (UART0_RXD)	UART0_RXD	GPS SPI_CLK	FTDI RXD	-	*	*	SSI_CLK
4	PA1 (UART0_TXD)	UART0_TXD	-	FTDI TXD	-	*	*	ALCC
5	PA2 (SSI_CLK)	ADC0	-	-	-	*	*	-
6	PA3 (SSI_SEL)	ADC1	-	-	-	*	*	-
7	PA4 (SSI_RXD)	ADC2	-	-	-	*	*	-
8	PA5 (SSI_TXD)	ADC3	-	-	-	*	*	-
9	PA6	-	GPS SPI_CS	-	-	*	*	-
10	PA7	-	GSM RI	-	-	*	*	-
11	PD0	UART1_RXD	GSM UART_RXD	-	IR IN/RX	*	*	-
12	PD1	UART1_TXD	GSM UART_TXD	-	Data Epos EN	*	*	-
13	PD2	UART1_RTS	GSM UART_RTS	-	Data Epos	*	*	CS_TC1
14	PD3	UART1_CTS	GSM UART_CTS	-	IR TX	*	*	CS_TC2
15	PD4	-	GPS Wake Up	-	IR IN EN	*	*	-
16	PD5	-	GPS Reset	-	-	*	*	-
17	VCC (3V3)	-	3V6	-	3V3	*	*	-
18	GND	-	-	-	GND	*	*	-

Expansion Connector 2 - EXP2

EXP2	EposMotelll Pin	Hydrologic Station	GPRS/GPS	JTAG Board	IR Remote Controller	Serial Communication	Data Logger	Battery Monitor
1	PC3 (UART1_RXD/LED)	-	GSM Emerg Off	-	-	*	*	-

2	PC4 (UART1_TXD)	-	GSM PWRKey	-	-	*	*	-
3	PC5 (UART1_RTS)	-	GPS Timemark	FTDI	RTS	-	*	*
4	PC6 (UART1_CTS)	-	GPS ON/OFF	FTDI	CTS	-	*	*
5	PC7 (DRDY)	-	GPS SPI_RXD	-	-	-	*	*
6	PB0 (I2C_SCL)	Relay0	-	-	Keypad0	*	*	-
7	PB1 (I2C_SDA)	Relay1	-	-	Keypad1	*	*	-
8	PB2 (SSI_RXD)	Relay2	-	-	Keypad2	*	*	-
9	PB3 (SSI_TXD)	Relay3	-	-	Keypad3	*	*	-
10	PB4 (SSI_CLK)	INT	-	-	Keypad4	*	*	-
11	PB5 (SSI_SEL)	-	GPS SPI_TXD	-	Keypad5	*	*	-
12	PB6 (JTAG_TDI)	-	-	-	Keypad6	*	*	I2C_SDA
13	PB7 (JTAG_TDO)	-	-	-	Keypad7	*	*	I2C_SCL
14	JTAG_TCK	-	-	-	-	*	*	-
15	JTAG_TMS	-	-	-	-	*	*	-
16	RESET_N	-	-	-	-	*	*	-
17	VCC (3V3)	-	3V6	-	3V3	*	*	-
18	GND	-	-	-	GND	*	*	-