

## Beagle Bone

COD1\_A  
COD2\_A  
EN\_A  
IN1\_A  
IN2\_A

COD1\_B  
COD2\_B  
EN\_B  
IN1\_B  
IN2\_B

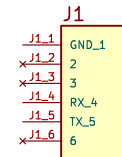
COD1\_C  
COD2\_C  
EN\_C  
IN1\_C  
IN2\_C

## P8

P8_1	GND_P8_1	U1A	GND_P8_2	P8_2
P8_3	GPI01_6	BBB01-SC-505	GPI01_7	P8_4
P8_5	GPI01_2		GPI01_3	P8_6
P8_7	TIMER4		TIMER7	P8_8
P8_9	TIMER5		TIMER6	P8_10
P8_11	GPI01_13		GPI01_12	P8_12
P8_13	EHRPWM2B		GPI00_26	P8_14
P8_15	GPI01_15		GPI01_14	P8_16
P8_17	GPI00_27		GPI02_1	P8_18
P8_19	EHRPWM2A		GPI01_31	P8_20
P8_21	GPI01_30		GPI01_5	P8_22
P8_23	GPI01_4		GPI01_1	P8_24
P8_25	GPI01_0		GPI01_29	P8_26
P8_27	GPI02_22		GPI02_24	P8_28
P8_29	GPI02_23		GPI02_25	P8_30
P8_31	UART5_CTSN		UART5_RTSN	P8_32
P8_33	UART4_RTSN		UART3_RTSN	P8_34
P8_35	UART4_CTSN		UART3_CTSN	P8_36
P8_37	UART5_TXD		UART5_RXD	P8_38
P8_39	GPI02_12		GPI02_13	P8_40
P8_41	GPI02_10		GPI02_11	P8_42
P8_43	GPI02_8		GPI02_9	P8_44
P8_45	GPI02_6		GPI02_7	P8_46

## P9

P9_1	GND_P9_1	U1B	GND_P9_2	P9_2
P9_3	DC_3.3V_P9_3	BBB01-SC-505	DC_3.3V_P9_4	P9_4
P9_5	VDD_5V_P9_5		VDD_5V_P9_6	P9_6
P9_7	SYS_5V_P9_7		SYS_5V_P9_8	P9_8
P9_9	PWR_BUT		SYS_RESET	P9_10
P9_11	UART4_RXD		GPI01_28	P9_12
P9_13	UART4_TXD		EHRPWM1A	P9_14
P9_15	GPI01_16		EHRPWM1B	P9_16
P9_17	I2C1_SCL		I2C1_SDA	P9_18
P9_19	I2C2_SCL		I2C2_SDA	P9_20
P9_21	UART2_TXD		UART2_RXD	P9_22
P9_23	GPI01_17		UART1_TXD	P9_24
P9_25	GPI03_21		UART1_RXD	P9_26
P9_27	GPI03_19		SPI1_CS0	P9_28
P9_29	SPI1_D0		SPI1_D1	P9_30
P9_31	SPI1_SCLK		VADC	P9_32
P9_33	AIN4		AGND	P9_34
P9_35	AIN6		AIN5	P9_36
P9_37	AIN2		AIN3	P9_38
P9_39	AIN0		AIN1	P9_40
P9_41	CLKOUT2/GPI03_20		GPI00_7/GPI03_18	P9_42
P9_43	GND_P9_43		GND_P9_44	P9_44
P9_45	GND_P9_45		GND_P9_46	P9_46



JACQUES Guillaume  
Lycée Jules Siegfried  
Le Havre

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