

P 9 Pinbelegung Beagle Bone Black

GND	1	2	GND
VDD_3V3	3	4	VDD_3V3
5V	5	6	
SYS_5V	7	8	SYS_5V
PWR_BUT	9	10	SYS_Reset n
GPIO0_30(H-Valve)	11	12	GPIO1_28(N-Valve)
GPIO0_31(Alive Signal)	13	14	EHRPWM1A(LCD)
GPIO1_16(LCD)	15	16	GPIO1_19(LCD)
	17	18	
I2C2_SCL(LCD)	19	20	I2C2_SDA(LCD)
GPIO0_3(LCD)	21	22	GPIO0_2 (BEEP)
GPIO1_17(LCD)	23	24	GPIO0_15(GC shut down)
	25	26	GPIO0_14(5V Power Check) Inp.
GPIO3_19(LCD)	27	28	
	29	30	GPIO3_16(LCD)
	31	32	
AIN4(H-Sense1H)	33	34	
AIN6(H-Sense2H)	35	36	AIN5(H-Sense1T)
AIN2(LCD)	37	38	AIN3(LCD)
AIN0(LCD)	39	40	AIN1(LCD)
	41	42	
GND	43	44	GND
GND	45	46	GND

P 8

	1	2	
GPIO1_6(H-Valve)	3	4	GPIO1_7(N-Valve)
GPIO1_2(Alive Signal)	5	6	GPIO1_3 (BEEP)
GPIO2_2(LED red)	7	8	GPIO2_3(LED yellow)
GPIO2_5(LED green)	9	10	GPIO2_4(AUX2Out)
GPIO1_13(AUX3Out)	11	12	GPIO1_12(AUX4Out)
GPIO0_23(AUX5Out)	13	14	GPIO0_26(AUX1In)
GPIO1_15(AUX2In)	15	16	GPIO1_14(AUX3In)
GPIO0_27(AUX4In)	17	18	GPIO2_1(AUX5In)
GPIO0_22(Triple Trigger Circuit)	19	20	
	21	22	GPIO1_5(GC Remote Stop)
GPIO1_4(GC shut down)	23	24	GPIO1_1(5V Power Check) Inp.
GPIO1_0(Triple Trigger Circuit)	25	26	GPIO1_29(GC Remote Stop)
LCD_VSYNC	27	28	LCD_PCLK
LCD_HSYNC	29	30	LCD_EN
LCD_DATA14	31	32	LCD_DATA15
LCD_DATA13	33	34	LCD_DATA11
LCD_DATA12	35	36	LCD_DATA10
LCD_DATA8	37	38	LCD_DATA9
LCD_DATA6	39	40	LCD_DATA7
LCD_DATA4	41	42	LCD_DATA5
LCD_DATA2	43	44	LCD_DATA3
LCD_DATA0	45	46	LCD_DATA1

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