I2C Address1(7bit):0x70

I2C address for relay control(same as RELAY-BOARD02)

Reg address	Reg Name	Description
0x00	RY1 control	0x00=OFF 0x01=ON
0x01	RY2 control	0x00=OFF 0x01=ON

I2C Address2(7bit):0x71

I2C address for ADC read ,PWM output and SBUS I/F

Reg address Reg Name Description 0x00 ADC_A0 ADC_A1 ADC_A1 0x02 ADC_A2 0x00=0V 0x04 ADC_A3 0xFF = 40.96V 0x05 ADC_A5 0x06 0x07 PWM1_H PWM2 output width in µsec (Lower 8bit) 0x08 PWM2_H PWM3 output width in µsec (Upper 8bit) 0x09 PWM2_L PWM3 output width in µsec (Upper 8bit) 0x00 PWM3_H PWM3 output width in µsec (Upper 8bit) 0x0A PWM3_H PWM4 output width in µsec (Upper 8bit) 0x0C IN_SBUS_CH1_H input SBUS CH1 value(Upper 3bit) 0x0C IN_SBUS_CH1_L input SBUS CH1 value(Upper 3bit) 0x0E IN_SBUS_CH2_L input SBUS CH2 value(Upper 3bit) 0x0F IN_SBUS_CH3_L input SBUS CH3 value(Upper 3bit) 0x10 IN_SBUS_CH3_L input SBUS CH3 value(Upper 3bit) 0x12 IN_SBUS_CH4_L input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH5_H input SBUS CH4 value(Upper 3bit) 0x14 IN_SBUS_CH5_L input SBUS CH5 value(U	
ADC_A1	
ADC result value 0x00=0V	
0x02 ADC_A2 0x03 ADC_A3 0x04 ADC_A4 0x05 ADC_A5 0x06 PWM1_H PWM2 output width in μsec (Upper 8bit) 0x07 PWM1_L PWM2 output width in μsec (Lower 8bit) 0x08 PWM2_H PWM3 output width in μsec (Upper 8bit) 0x09 PWM2_L PWM3 output width in μsec (Lower 8bit) 0x0A PWM3_H PWM4 output width in μsec (Lower 8bit) 0x0B PWM3_L PWM4 output width in μsec (Lower 8bit) 0x0C IN_SBUS_CH1_H input SBUS CH1 value(Upper 3bit) 0x0D IN_SBUS_CH2_H input SBUS CH2 value(Upper 3bit) 0x0E IN_SBUS_CH2_L input SBUS CH2 value(Upper 3bit) 0x10 IN_SBUS_CH3_H input SBUS CH3 value(Upper 3bit) 0x11 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x12 IN_SBUS_CH4_L input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input S	
0x03 ADC_A3 0x04 ADC_A4 0x05 ADC_A5 0x06 PWM1_H PWM2 output width in μsec (Lower 8bit) 0x07 PWM1_L PWM2 output width in μsec (Lower 8bit) 0x08 PWM2_H PWM3 output width in μsec (Lower 8bit) 0x09 PWM2_L PWM3 output width in μsec (Lower 8bit) 0x0A PWM3_H PWM4 output width in μsec (Lower 8bit) 0x0C IN_SBUS_CH1_H input SBUS CH1 value(Upper 3bit) 0x0D IN_SBUS_CH1_L input SBUS CH2 value(Upper 3bit) 0x0E IN_SBUS_CH2_H input SBUS CH2 value(Upper 3bit) 0x10 IN_SBUS_CH3_H input SBUS CH3 value(Upper 3bit) 0x11 IN_SBUS_CH3_L input SBUS CH4 value(Upper 3bit) 0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Upper 3bit) 0x14 IN_SBUS_CH5_L input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Upper 3bit)	
0x04ADC_A40x05ADC_A50x06PWM1_HPWM2 output width in μsec (Upper 8bit)0x07PWM1_LPWM2 output width in μsec (Lower 8bit)0x08PWM2_HPWM3 output width in μsec (Upper 8bit)0x09PWM2_LPWM3 output width in μsec (Lower 8bit)0x0APWM3_HPWM4 output width in μsec (Upper 8bit)0x0BPWM3_LPWM4 output width in μsec (Lower 8bit)0x0CIN_SBUS_CH1_Hinput SBUS CH1 value(Upper 3bit)0x0DIN_SBUS_CH1_Linput SBUS CH2 value(Lower 8bit)0x0EIN_SBUS_CH2_Hinput SBUS CH2 value(Upper 3bit)0x0FIN_SBUS_CH3_Hinput SBUS CH3 value(Upper 3bit)0x10IN_SBUS_CH3_Linput SBUS CH3 value(Lower 8bit)0x11IN_SBUS_CH4_Hinput SBUS CH4 value(Upper 3bit)0x12IN_SBUS_CH4_Linput SBUS CH4 value(Upper 3bit)0x13IN_SBUS_CH4_Linput SBUS CH4 value(Lower 8bit)0x14IN_SBUS_CH5_Hinput SBUS CH5 value(Upper 3bit)0x15IN_SBUS_CH5_Linput SBUS CH5 value(Upper 3bit)	
0x06PWM1_HPWM2 output width in μsec (Upper 8bit)0x07PWM1_LPWM2 output width in μsec (Lower 8bit)0x08PWM2_HPWM3 output width in μsec (Upper 8bit)0x09PWM2_LPWM3 output width in μsec (Lower 8bit)0x0APWM3_HPWM4 output width in μsec (Upper 8bit)0x0BPWM3_LPWM4 output width in μsec (Lower 8bit)0x0CIN_SBUS_CH1_Hinput SBUS CH1 value(Upper 3bit)0x0DIN_SBUS_CH1_Linput SBUS CH1 value(Lower 8bit)0x0EIN_SBUS_CH2_Hinput SBUS CH2 value(Upper 3bit)0x0FIN_SBUS_CH2_Linput SBUS CH3 value(Lower 8bit)0x10IN_SBUS_CH3_Hinput SBUS CH3 value(Upper 3bit)0x11IN_SBUS_CH3_Linput SBUS CH4 value(Lower 8bit)0x12IN_SBUS_CH4_Hinput SBUS CH4 value(Upper 3bit)0x13IN_SBUS_CH4_Linput SBUS CH4 value(Lower 8bit)0x14IN_SBUS_CH5_Hinput SBUS CH5 value(Upper 3bit)0x15IN_SBUS_CH5_Linput SBUS CH5 value(Lower 8bit)	
0x07PWM1_LPWM2 output width in μ sec (Lower 8bit)0x08PWM2_HPWM3 output width in μ sec (Upper 8bit)0x09PWM2_LPWM3 output width in μ sec (Lower 8bit)0x0APWM3_HPWM4 output width in μ sec (Upper 8bit)0x0BPWM3_LPWM4 output width in μ sec (Lower 8bit)0x0CIN_SBUS_CH1_Hinput SBUS CH1 value(Upper 3bit)0x0DIN_SBUS_CH1_Linput SBUS CH2 value(Upper 3bit)0x0EIN_SBUS_CH2_Hinput SBUS CH2 value(Upper 3bit)0x0FIN_SBUS_CH2_Linput SBUS CH3 value(Upper 3bit)0x10IN_SBUS_CH3_Hinput SBUS CH3 value(Lower 8bit)0x11IN_SBUS_CH3_Linput SBUS CH4 value(Upper 3bit)0x12IN_SBUS_CH4_Hinput SBUS CH4 value(Upper 3bit)0x13IN_SBUS_CH4_Linput SBUS CH4 value(Lower 8bit)0x14IN_SBUS_CH5_Hinput SBUS CH5 value(Upper 3bit)0x15IN_SBUS_CH5_Linput SBUS CH5 value(Lower 8bit)	
0x08PWM2_HPWM3 output width in μsec (Upper 8bit)0x09PWM2_LPWM3 output width in μsec (Lower 8bit)0x0APWM3_HPWM4 output width in μsec (Upper 8bit)0x0BPWM3_LPWM4 output width in μsec (Lower 8bit)0x0CIN_SBUS_CH1_Hinput SBUS CH1 value(Upper 3bit)0x0DIN_SBUS_CH1_Linput SBUS CH2 value(Upper 3bit)0x0EIN_SBUS_CH2_Hinput SBUS CH2 value(Lower 8bit)0x0FIN_SBUS_CH2_Linput SBUS CH3 value(Upper 3bit)0x10IN_SBUS_CH3_Hinput SBUS CH3 value(Upper 3bit)0x11IN_SBUS_CH3_Linput SBUS CH4 value(Lower 8bit)0x12IN_SBUS_CH4_Hinput SBUS CH4 value(Upper 3bit)0x13IN_SBUS_CH4_Linput SBUS CH4 value(Lower 8bit)0x14IN_SBUS_CH5_Hinput SBUS CH5 value(Upper 3bit)0x15IN_SBUS_CH5_Linput SBUS CH5 value(Upper 3bit)	
0x09PWM2_LPWM3 output width in μsec (Lower 8bit)0x0APWM3_HPWM4 output width in μsec (Upper 8bit)0x0BPWM3_LPWM4 output width in μsec (Lower 8bit)0x0CIN_SBUS_CH1_Hinput SBUS CH1 value(Upper 3bit)0x0DIN_SBUS_CH1_Linput SBUS CH2 value(Upper 3bit)0x0EIN_SBUS_CH2_Hinput SBUS CH2 value(Upper 3bit)0x0FIN_SBUS_CH2_Linput SBUS CH2 value(Lower 8bit)0x10IN_SBUS_CH3_Hinput SBUS CH3 value(Upper 3bit)0x11IN_SBUS_CH3_Linput SBUS CH3 value(Lower 8bit)0x12IN_SBUS_CH4_Hinput SBUS CH4 value(Upper 3bit)0x13IN_SBUS_CH4_Linput SBUS CH4 value(Lower 8bit)0x14IN_SBUS_CH5_Hinput SBUS CH5 value(Upper 3bit)0x15IN_SBUS_CH5_Linput SBUS CH5 value(Lower 8bit)	
OxOAPWM3_HPWM4 output width in μsec (Upper 8bit)0x0BPWM3_LPWM4 output width in μsec (Lower 8bit)0x0CIN_SBUS_CH1_Hinput SBUS CH1 value(Upper 3bit)0x0DIN_SBUS_CH1_Linput SBUS CH1 value(Lower 8bit)0x0EIN_SBUS_CH2_Hinput SBUS CH2 value(Upper 3bit)0x0FIN_SBUS_CH2_Linput SBUS CH2 value(Lower 8bit)0x10IN_SBUS_CH3_Hinput SBUS CH3 value(Upper 3bit)0x11IN_SBUS_CH3_Linput SBUS CH3 value(Lower 8bit)0x12IN_SBUS_CH4_Hinput SBUS CH4 value(Upper 3bit)0x13IN_SBUS_CH4_Linput SBUS CH4 value(Lower 8bit)0x14IN_SBUS_CH5_Hinput SBUS CH5 value(Upper 3bit)0x15IN_SBUS_CH5_Linput SBUS CH5 value(Lower 8bit)	
OxOBPWM3_LPWM4 output width in μsec (Lower 8bit)0x0CIN_SBUS_CH1_Hinput SBUS CH1 value(Upper 3bit)0x0DIN_SBUS_CH1_Linput SBUS CH2 value(Lower 8bit)0x0EIN_SBUS_CH2_Hinput SBUS CH2 value(Upper 3bit)0x0FIN_SBUS_CH2_Linput SBUS CH2 value(Lower 8bit)0x10IN_SBUS_CH3_Hinput SBUS CH3 value(Upper 3bit)0x11IN_SBUS_CH3_Linput SBUS CH3 value(Lower 8bit)0x12IN_SBUS_CH4_Hinput SBUS CH4 value(Upper 3bit)0x13IN_SBUS_CH4_Linput SBUS CH4 value(Lower 8bit)0x14IN_SBUS_CH5_Hinput SBUS CH5 value(Upper 3bit)0x15IN_SBUS_CH5_Linput SBUS CH5 value(Lower 8bit)	
0x0C IN_SBUS_CH1_H input SBUS CH1 value(Upper 3bit) 0x0D IN_SBUS_CH1_L input SBUS CH1 value(Lower 8bit) 0x0E IN_SBUS_CH2_H input SBUS CH2 value(Upper 3bit) 0x0F IN_SBUS_CH2_L input SBUS CH2 value(Lower 8bit) 0x10 IN_SBUS_CH3_H input SBUS CH3 value(Upper 3bit) 0x11 IN_SBUS_CH3_L input SBUS CH3 value(Lower 8bit) 0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x0D IN_SBUS_CH1_L input SBUS CH1 value(Lower 8bit) 0x0E IN_SBUS_CH2_H input SBUS CH2 value(Upper 3bit) 0x0F IN_SBUS_CH2_L input SBUS CH2 value(Lower 8bit) 0x10 IN_SBUS_CH3_H input SBUS CH3 value(Upper 3bit) 0x11 IN_SBUS_CH3_L input SBUS CH3 value(Lower 8bit) 0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x0E IN_SBUS_CH2_H input SBUS CH2 value(Upper 3bit) 0x0F IN_SBUS_CH2_L input SBUS CH2 value(Lower 8bit) 0x10 IN_SBUS_CH3_H input SBUS CH3 value(Upper 3bit) 0x11 IN_SBUS_CH3_L input SBUS CH3 value(Lower 8bit) 0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Upper 3bit)	
0x0F IN_SBUS_CH2_L input SBUS CH2 value(Lower 8bit) 0x10 IN_SBUS_CH3_H input SBUS CH3 value(Upper 3bit) 0x11 IN_SBUS_CH3_L input SBUS CH3 value(Lower 8bit) 0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x10 IN_SBUS_CH3_H input SBUS CH3 value(Upper 3bit) 0x11 IN_SBUS_CH3_L input SBUS CH3 value(Lower 8bit) 0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x11 IN_SBUS_CH3_L input SBUS CH3 value(Lower 8bit) 0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x12 IN_SBUS_CH4_H input SBUS CH4 value(Upper 3bit) 0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x13 IN_SBUS_CH4_L input SBUS CH4 value(Lower 8bit) 0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x14 IN_SBUS_CH5_H input SBUS CH5 value(Upper 3bit) 0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x15 IN_SBUS_CH5_L input SBUS CH5 value(Lower 8bit)	
0x16 IN_SBUS_CH6_H input SBUS CH6 value(Upper 3bit)	
0x17 IN_SBUS_CH6_L input SBUS CH6 value(Lower 8bit)	
0x18 IN_SBUS_CH7_H input SBUS CH7 value(Upper 3bit)	
0x19 IN_SBUS_CH7_L input SBUS CH7 value(Lower 8bit)	
0x1A IN_SBUS_CH8_H input SBUS CH8 value(Upper 3bit)	
0x1B IN_SBUS_CH8_L input SBUS CH8 value(Lower 8bit)	
0x1C IN_SBUS_CH9_H input SBUS CH9 value(Upper 3bit)	
0x1D IN_SBUS_CH9_L input SBUS CH9 value(Lower 8bit)	
0x1E IN_SBUS_CH10_H input SBUS CH10 value(Upper 3bit)	
0x1F IN_SBUS_CH10_L input SBUS CH10 value(Lower 8bit)	
0x20 IN_SBUS_CH11_H input SBUS CH11 value(Upper 3bit)	
0x21 IN_SBUS_CH11_L input SBUS CH11 value(Lower 8bit)	
0x22 IN_SBUS_CH12_H input SBUS CH12 value(Upper 3bit)	
0x23 IN_SBUS_CH12_L input SBUS CH12 value(Lower 8bit)	
0x24 IN_SBUS_CH13_H input SBUS CH13 value(Upper 3bit)	

0.05	THE CRUE CLIES :	CDUC CUID //	
	IN_SBUS_CH13_L	input SBUS CH13 value(Lower 8bit)	
	IN_SBUS_CH14_H	input SBUS CH14 value(Upper 3bit)	
	IN_SBUS_CH14_L	input SBUS CH14 value(Lower 8bit)	
	IN_SBUS_CH15_H	input SBUS CH15 value(Upper 3bit)	
0x29	IN_SBUS_CH15_L	input SBUS CH15 value(Lower 8bit)	
0x2A	IN_SBUS_CH16_H	input SBUS CH16 value(Upper 3bit)	
0x2B	IN_SBUS_CH16_L	input SBUS CH16 value(Lower 8bit)	
0x2C	IN_SBUS_DG1	input SBUS DG1 bit	
0x2D	IN_SBUS_DG2	input SBUS DG2 bit	
0x2E	IN_SBUS_BLK	input SBUS BLK bit	
0x2F	IN_SBUS_ERD	input SBUS ERD bit	
0x30	CARTIF_SBUS_CH1_H	SBUS ch1 output value to CARTIF-ESC(Upper 3bit)	Steering
0x31	CARTIF_SBUS_CH1_L	SBUS ch1 output value to CARTIF-ESC(Lower 8bit)	J.Co.m.g
0x32	CARTIF_SBUS_CH2_H	SBUS ch2 output value to CARTIF-ESC(Upper 3bit)	Throttle
0x33	CARTIF_SBUS_CH2_L	SBUS ch2 output value to CARTIF-ESC(Lower 8bit)	Timotac
0x34	CARTIF_SBUS_CH3_H	SBUS ch3 output value to CARTIF-ESC(Upper 3bit)	reserved
0x35	CARTIF_SBUS_CH3_L	SBUS ch3 output value to CARTIF-ESC(Lower 8bit)	reserveu
0x36	CARTIF_SBUS_CH4_H	SBUS ch4 output value to CARTIF-ESC(Upper 3bit)	roconvod
0x37	CARTIF_SBUS_CH4_L	SBUS ch4 output value to CARTIF-ESC(Lower 8bit)	reserved
0x38	CARTIF_SBUS_CH5_H	SBUS ch5 output value to CARTIF-ESC(Upper 3bit)	Handling of
0x39	CARTIF_SBUS_CH5_L	SBUS ch5 output value to CARTIF-ESC(Lower 8bit)	CARTIF_INPUT_SELECT
0x3A	CARTIF_SBUS_CH6_H	SBUS ch6 output value to CARTIF-ESC(Upper 3bit)	Cuitale annual to ECC learning
0x3B	CARTIF_SBUS_CH6_L	SBUS ch6 output value to CARTIF-ESC(Lower 8bit)	Switch control to ESC-Joystick
0x3C	CARTIF_SBUS_CH7_H	SBUS ch7 output value to CARTIF-ESC(Upper 3bit)	reserved
0x3D	CARTIF_SBUS_CH7_L	SBUS ch7 output value to CARTIF-ESC(Lower 8bit)	
0x3E	CARTIF_SBUS_CH8_H	SBUS ch8 output value to CARTIF-ESC(Upper 3bit)	
0x3F	CARTIF_SBUS_CH8_L	SBUS ch8 output value to CARTIF-ESC(Lower 8bit)	reserved
0x40	CARTIF_SBUS_CH9_H	SBUS ch9 output value to CARTIF-ESC(Upper 3bit)	
0x41	CARTIF_SBUS_CH9_L	SBUS ch9 output value to CARTIF-ESC(Lower 8bit)	reserved
0x42	CARTIF_SBUS_CH10_H	SBUS ch10 output value to CARTIF-ESC(Upper 3bit)	
0x43	CARTIF_SBUS_CH10_L	SBUS ch10 output value to CARTIF-ESC(Lower 8bit)	reserved
0x44	CARTIF_SBUS_CH11_H	SBUS ch11 output value to CARTIF-ESC(Upper 3bit)	
0x45	CARTIF_SBUS_CH11_L	SBUS ch11 output value to CARTIF-ESC(Lower 8bit)	reserved
0x46	CARTIF_SBUS_CH12_H	SBUS ch12 output value to CARTIF-ESC(Upper 3bit)	
0x47	CARTIF_SBUS_CH12_L	SBUS ch12 output value to CARTIF-ESC(Lower 8bit)	reserved
0x48	CARTIF_SBUS_CH13_H	SBUS ch13 output value to CARTIF-ESC(Upper 3bit)	
0x49	CARTIF_SBUS_CH13_L	SBUS ch13 output value to CARTIF-ESC(Lower 8bit)	reserved
0x4A	CARTIF_SBUS_CH14_H	SBUS ch14 output value to CARTIF-ESC(Upper 3bit)	
0x4B	CARTIF_SBUS_CH14_L	SBUS ch14 output value to CARTIF-ESC(Lower 8bit)	reserved
0x4C	CARTIF_SBUS_CH15_H	SBUS ch15 output value to CARTIF-ESC(Upper 3bit)	
0x4D	CARTIF_SBUS_CH15_L	SBUS ch15 output value to CARTIF-ESC(Lower 8bit)	reserved
0x4E	CARTIF_SBUS_CH16_H	SBUS ch16 output value to CARTIF-ESC(Upper 3bit)	
0x4F	CARTIF_SBUS_CH16_L	SBUS ch16 output value to CARTIF-ESC(Lower 8bit)	reserved
0x50	CARTIF_SBUS_DG1	SBUS DG1 output value to CARTIF-ESC	reserved
0x51	CARTIF_SBUS_DG2	SBUS DG2 output value to CARTIF-ESC	reserved
	S. IIII _5505_562	Switches the input source of CARTIF-ESC	Teserved
		0 = Hold	
0x52	CARTIF INPUT SELECT	0 = ноіа 1 = Manual (manual driving)	
		2 = CARTIF_SBUS (auto driving)	
		2 - CANTIL 3003 (auto univilig)	

0x53	FW_version	7=v0.7(this FW version)
0x54	AUX_LED1	0 = OFF
0x55	AUX_LED2	1 = ON
0x56	AUX_LED3	
0x57	DISABLE_SBUS_FAILSAFE	0=Enable Failsafe, 1=Disable Failsafe

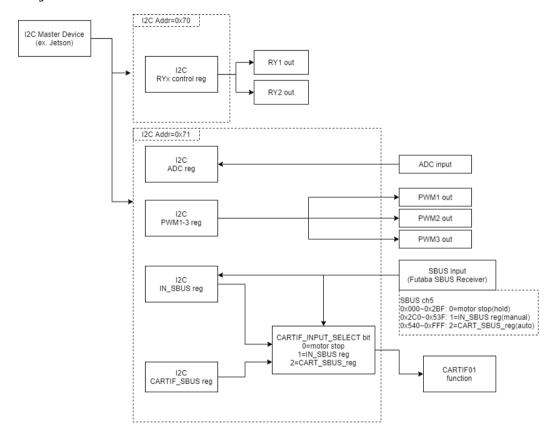
About CH1 (steering) and CH2 (throttle) of CARTIF_SBUS

A timeout function is added as a countermeasure when Jetson freezes.

If there is no write to the I2C address = 0x71 for 5 seconds, CH1 and CH2 will be forced to overwrite neutral (SBUS value = 0x400).

When controlling from Jetson with CARTIF_INPUT_SELECT (I2C register address 0x52) = 2, make sure to write I2C periodically.

Block diagram



Example of using on Jetson Xavier NX

#RY1 turn on

i2cset -y 8 0x70 0x00 0x01

#RY1 turn off

i2cset -y 8 0x70 0x00 0x00

#ADC0 read

i2cget -y 8 0x71 0x00

#PWM2 set 1920us

i2cset -y 8 0x71 0x06 0x07 0x80 i