

Balloon 3 I2C bus addresses				Definite, on power I2C bus		
31-Aug-05]				Definite, on standard I2C bus, on board		
Chris Jones, Martin-Jones Technology Ltd				Definite, on standard I2C bus, off board		
				Possible		
Address	Device	User	Notes	Device	User	Notes
0x00	Reserved		General call address			
0x02	Reserved		CBUS			
0x04	Reserved		For different bus format			
0x06	Reserved		For future use			
0x08	Reserved		HS-mode master code			
0x0a	Reserved		HS-mode master code			
0x0c	Reserved		HS-mode master code			
0x0e	Reserved		HS-mode master code			
0x10	Reserved		SMBus host			
0x12						
0x14						
0x16						
0x18	Reserved		SMBus Access Response			
0x1a						
0x1c						
0x1e						
0x20						
0x22						
0x24						
0x26						
0x28	MAX1586A	Balloon Power	ARM CPU power control			
0x2a	MAX1586A	Balloon Power	ARM CPU power control			
0x2c						
0x2e						
0x30						
0x32						
0x34						
0x36						
0x38						
0x3a						
0x3c						
0x3e						
0x40	PCF8574	MJT, CUED	digital GPIO			
0x42	PCF8574	MJT, CUED	digital GPIO			
0x44	PCF8574	MJT, CUED	digital GPIO			
0x46	PCF8574	MJT, CUED	digital GPIO			
0x48	PCF8574	MJT, CUED	digital GPIO			
0x4a	PCF8574	MJT, CUED	digital GPIO			
0x4c	PCF8574	MJT, CUED	digital GPIO			
0x4e	PCF8574	MJT, CUED	digital GPIO			
0x50	Reserved		ACCESS.bus host	DS1050	CUED	PWM controller
0x52				DS1050	CUED	PWM controller
0x54	ADV7171	MJT	Video encoder	DS1050	CUED	PWM controller
0x56	ADV7171	MJT	Video encoder	DS1050	CUED	PWM controller
0x58	ISP1301	Balloon	USB OTG Transceiver	DS1050	CUED	PWM controller
0x5a	ISP1301	Balloon	USB OTG Transceiver	DS1050	CUED	PWM controller
0x5c				DS1050	CUED	PWM controller
0x5e				DS1050	CUED	PWM controller
0x60	PIC	CUED	motor control/A to D			
0x62	PIC	CUED	motor control/A to D			
0x64	PIC	CUED	motor control/A to D			
0x66	PIC	CUED	motor control/A to D			
0x68	PIC	CUED	motor control/A to D			
0x6a	PIC	CUED	motor control/A to D			
0x6c	PIC	CUED	motor control/A to D			
0x6e	PIC	CUED	motor control/A to D	Reserved		ACCESS.bus default
0x70	PCF8574A	CUED	digital GPIO			
0x72	PCF8574A	CUED	digital GPIO			
0x74	PCF8574A	CUED	digital GPIO			
0x76	PCF8574A	CUED	digital GPIO			
0x78	PCF8574A	CUED	digital GPIO			
0x7a	PCF8574A	CUED	digital GPIO			
0x7c	PCF8574A	CUED	digital GPIO			
0x7e	PCF8574A	CUED	digital GPIO			
0x80						
0x82						
0x84						
0x86						
0x88						
0x8a						
0x8c						
0x8e						
0x90	PCF8591	CUED	Analogue IO			
0x92	PCF8591	CUED	Analogue IO			
0x94	PCF8591	CUED	Analogue IO			
0x96	PCF8591	CUED	Analogue IO			
0x98	PCF8591	CUED	Analogue IO			
0x9a	PCF8591	CUED	Analogue IO			
0x9c	PCF8591	CUED	Analogue IO			
0x9e	PCF8591	CUED	Analogue IO			
0xa0	PCF8583	Balloon 2	Balloon 2 RTC			
0xa2						
0xa4						
0xa6						
0xa8						
0xaa						
0xac						
0xae						
0xb0						
0xb2						
0xb4						
0xb6						
0xb8						
0xba						
0xbc						
0xbe						
0xc0	PCA9532	CUED	LED dimmer/GPIO	CMPS03	CUED	Magnetic compass
0xc2	PCA9532	CUED	LED dimmer/GPIO	Reserved		SMBus default address
0xc4	PCA9532	CUED	LED dimmer/GPIO			
0xc6	PCA9532	CUED	LED dimmer/GPIO			
0xc8	PCA9532	CUED	LED dimmer/GPIO			
0xca	PCA9532	CUED	LED dimmer/GPIO			
0xcc	PCA9532	CUED	LED dimmer/GPIO			
0xce	PCA9532	CUED	LED dimmer/GPIO			
0xd0						
0xd2						
0xd4	ADV7170	MJT	Video encoder			
0xd6	ADV7170	MJT	Video encoder			
0xd8						
0xda						
0xdc						
0xde						
0xe0	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xe2	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xe4	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xe6	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xe8	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xea	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xec	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xee	PCA954x	CUED	Bus switch	SRF10	CUED	Ultrasonic range finder
0xf0	Reserved		10-bit slave addressing	SRF10	CUED	Ultrasonic range finder
0xf2	Reserved		10-bit slave addressing	SRF10	CUED	Ultrasonic range finder
0xf4	Reserved		10-bit slave addressing	SRF10	CUED	Ultrasonic range finder
0xf6	Reserved		10-bit slave addressing	SRF10	CUED	Ultrasonic range finder
0xf8	Reserved		for future use	SRF10	CUED	Ultrasonic range finder
0xfa	Reserved		for future use	SRF10	CUED	Ultrasonic range finder
0xfc	Reserved		for future use	SRF10	CUED	Ultrasonic range finder
0xfe	Reserved		for future use	SRF10	CUED	Ultrasonic range finder