

M5Stack TimerPWR I2C Protocol																	V1 (FW Version)			
REG MAP (0x56)																	2024/3/11			
																	note			
		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F			
Control	Sleep Command	0x40 W	Sleep Command															write 1, sleep		
	Cycle	0x40 W/R	Cycle															1: Start Cycle 0: Stop Cycle		
Config	Power control	0x00 W/R	Grove 5V Out Enable	OLED Backlight Enable															Grove 5V Out Enable: 0: Grove 5V out off 1: Grove 5V out on OLED Backlight Enable: 0: BL_OFF 1: BL_ON	
	Wake&Sleep trigger	0x20 W/R	Wake Trigger	Sleep Trigger															Wake Trigger: bit 0: 1, TIMER_TRIGGER Enable; 0, TIMER_TRIGGER Disable; bit 1: 1, BUTTON_TRIGGER Enable; 0, BUTTON_TRIGGER Disable; Sleep Trigger: bit 0: 1, TIMER_TRIGGER Enable; 0, TIMER_TRIGGER Disable; bit 1: 1, BUTTON_TRIGGER Enable; 0, BUTTON_TRIGGER Disable;	
	Power on Time	0x30 W/R	Hour	Min	Sec															
	Power off Time	0x80 W/R	Hour	Min	Sec															
	btn	0x10 R	btnA	btnB															0: press; 1: no press	
Read	Voltage&Current	0x60 R	USB Voltage-byte0	USB Voltage-byte1	USB Voltage-byte2	USB Voltage-byte3	USB Current-byte0	USB Current-byte1	USB Current-byte2	USB Current-byte3	Grove Voltage-byte0	Grove Voltage-byte1	Grove Voltage-byte2	Grove Voltage-byte3	Grove Current-byte0	Grove Current-byte1	Grove Current-byte2	Grove Current-byte3	Voltage&Current = Voltage&Current-byte0 + Voltage&Current-byte1 * 256 + Voltage&Current-byte2 * 65536 + Voltage&Current-byte3 * 16777216	
	Voltage&Current	0x70 R	Battery Voltage-byte0	Battery Voltage-byte1	Battery Voltage-byte2	Battery Voltage-byte3	Battery Current-byte0	Battery Current-byte1	Battery Current-byte2	Battery Current-byte3									The unit of voltage is V. The unit of current is mA. The true value needs to be divided by 100.	
	Battery Charge Status	0x90 R	Battery Charge Status																0: no charge 1: charge	
System	Flash Write back	0xF0 R	write back															write 1, write back		
	Firmware Version	0xF0 R															FW Version	Value: firmware version		
	I2C Addr	0xF0 R															I2C Addr	Value: I2C Address		