M5Stack Unit 8Servo I2C Protocol															V1 (FW Version) 2023/3/24				
REG MAP (Addr:0x25)		0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F	note	
MODE 0x00 SETTING W/R		100	IO1	102	IO3	104	105	106	107									Mode:0~4 ^[1]	
1	OUTPUT CTRL	0x10 W	100	IO1	102	IO3	104	105	106	107								0:LOW ; 1:HIGH	
0	DIGITAL INPUT	0x20 R	100	IO1	102	IO3	104	105	106	107	0:LOW ; 1:HIGH							0:LOW ; 1:HIGH	
2	ANALOG INPUT-8Bits	0x30 R	100	IO1	102	IO3	104	105	106	107									value:0~255
	ANALOG INPUT-12Bits	0x40 R	IO0-L	100- H	IO1-L	101-H	IO2-L	IO2- H	IO3-L	IO3- H	IO4-L	104- H	105-L	105- H	106-L	106- H	107-L	107- H	value:0~4095
3	SERVO 8Bits	0x50 W/R	100	101	102	IO3	104	105	106	107									value:0~180degree
	SERVO 16Bits	0x60 W/R	IO0-L	100- H	IO1-L	101-H	102-L	IO2- H	IO3-L	IO3- H	IO4-L	104- H	IO5-L	105- H	IO6-L	IO6- H	107-L	107- H	write: 500~2500us (read: 5000~25000) ^[2]
4	RGB 24Bits	0x70 W/R	IOO- R	100- G			IO1-G	IO1-B	IO2- R	102- G	IO2-B	IO3- R	103- G	IO3-B	IO4- R	104- G	104- B	105- R	R/G/B:0~255
		0x80 W/R	105- G	105-B	106- R	106- G	106-B	IO7-R	107- G	107-B									19 0, 0.0 200
5	PWM DutyCycle	0x90 W/R	Inwmil ' Inwmil' I'							write: DutyCycle:0~100, frequency:1KHz									
Servo Current R		0xA0 R	curre nt- byte0	curre nt- byte1	curre nt- byte2	curre nt- byte3													float
12	I2C ADDRESS 03 SETTING W																	Addr	value: 0~127 default:0x25
	Firmware 0 version																Versi on		Version: firmware version
[1] 0: Input, 1: Output, 2: ADC, 3: Servo, 4: NeoPixel, 5: PWM [2] if write servo pulse is 500, read servo pulse will be 5000, need to divide 10																			

^[3] if write pwm duty to 10, read pwm duty will be 100, need to divide 10