

Procedure	Send_ASCII(ascchar As String)
Argument	4 Bytes ASCII Strings
Description	Send 4 ASCII characters to be displayed on SC4D
Procedure	Set_Decimal_Point(dp As Byte)
Argument	Decimal Point to be turn on value 1 to 4
Description	Turn On Digit Decimal Point
Procedure	Toggle_Flash_Mode()
Argument	None
Description	Turn On or Off Display Blinking
Procedure	Set_CountDown_Interval(sec As Byte, min As Byte)
Argument	Sec 0 to 59 , min 0-99
Description	Set Count Down Timer Interval
Procedure	Start_Stop_Timer()
Argument	None
Description	Start Count Down Timer / Pause Count Down Timer
Procedure	Reset_Timer()
Argument	None
Description	Reset Timer Back to Set Interval. Will Stop buzzer if count down elapsed
Procedure	Set_Clock()
Argument	None
Description	Set SC4D Clock with computer system clock information
Procedure	Show_Current_Time()
Argument	None
Description	Display time information of SC4D on LED
Procedure	Get_Time_Stamp()
Argument	None
Description	Request Time Information from SC4D Reply from SC4D – [254,1,second,minute,hour,255] Second,minute,hour in Byte Format
Procedure	Get_Temperature()
Argument	None
Description	Get Temperature Reading from SC4D Reply from SC4D – [254,4,sign,temperature,255] Sign = 4 if positive Sign = 6 if negative Temperature in Celsius SC4D will show temperature reading
Procedure	Set_PWM_Freq(Freq As Byte)
Argument	Freq 0 to 7
Description	Set and enable PWM Frequency Freq = 0 PWM Frequency = 160Hz

	Freq = 1 PWM Frequency = 320Hz Freq = 2 PWM Frequency = 640Hz Freq = 3 PWM Frequency = 1280Hz Freq = 4 PWM Frequency = 2560Hz Freq = 5 PWM Frequency = 5120Hz Freq = 6 PWM Frequency = 10240Hz Freq = 7 PWM Frequency = 20480Hz
--	---

Procedure	Set_PWM_Dutycycle(Dutycycle As Byte)
Argument	Dutycycle 0 to 100
Description	Set PWM Duty Cycle. PWM must be enabled first

Procedure	Disable_PWM()
Argument	None
Description	Stop and disable PWM controller. Must be issued if PWM frequency need to be changed

Procedure	Set_Counter_Mode()
Argument	None
Description	Set the SC4D as counter mode. Count starts at 0000 Each count event causes SC4D to reply [254,5,5,255]

Procedure	Turn_On_Buzzer()
Argument	None
Description	Turn On Piezo Buzzer

Procedure	Turn_Off_Buzzer()
Argument	None
Description	Turn Off Piezo Buzzer

Procedure	Turn_On_Output()
Argument	None
Description	Turn On Output

Procedure	Turn_Off_Output()
Argument	None
Description	Turn Off Output

USAGE :

**Each procedure call load "txbuff" transmit buffer with associate codes.
Load txbuff to MSComm transmit buffer to send codes to SC4D**