



PSActiveX Demonstration Files

Context

- 1 Register OCX Commponet
regsvr32 PSActiveXServer.ocx
- 2 Install OCX for Delphi:
Select omponet | Import ActiveX Control item,select SServerProj1 Library and install.
- 3 Install OCX for VC:
Select roject | Add to Project | Components and Controls item Select "Registered ActiveX and Controls", Select "PSServer Control file name" and Insert
- 4 Primary method:
 - 1) Open COM:
PS_OpenComm(Port, BaudRate, ByteSize, Parity, StopBits: Integer);
Port:COM
BaudRate Communication Speed(4800 9600 19200 38400)
ByteSize Data Length Default 8
Parity Parity bit Default 0 No Parity
StopBits Stop bit Default 0 One Stop bit
 - 2 Close COM
PS_CloseComm;
 - 3 Read Power Params
PS_ReadParams;
 - 4 Setting Power Params
PS_SetParams(CurMax, VolMax, PowMax, VolSetting,PowAdd: Integer);
CurMax Current MAX 0-3000 MA
VolMax Voltage MAX 0-36000 MV
PowMax Power MAX 0-10800 -> 0-108.00W
PowAdd Power New Address
 - 5 Control Power State
PS_ControlState(State: Integer);

7	6	5	4	3	2	1	0
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0bit Power Output State 0->On 1->Off

1bit PC Control State 0->Self 1->PC

- 6 Get Execute Result

PS_GetExecResult: SYSINT;

Return Value 1->OK 0->Failed

- 7 Setting Power Address 0-255

PS_SetDeviceAdd(Address: Integer);

- 8 Get Power Params

PS_GetData(out CurValue, CurMax, VolValue, VolSetting, VolMax,PowValue, PowMax,
State: Integer);

CurValue Currently Current Value(0-3000mA)

VolValue Currently Voltage Value(0-36000mV)

VolSetting Setting Voltage Valye 0-36000mV

VolMax Setting Voltage MAX Value 0-36000mV

PowValue Power Settings MAX Value 0-10800 => 0- 108.00W

State Power State

7	6	5	4	3	2	1	0
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0bit Output State 0->On 1->Off

1bit Power Current Alarm State 0->Normal 1->exceptional

2bit Power Power Alarm State 0->Normal 1->exceptional

3bit Control State 0->Self 1->PC Control