

Software Application Example

NDP-4303 Remote Programming Power Supply

An example using VB6 to write a program to get the output voltage and current values of the power supply .

```
Dim RS485_Addr As String
```

```
Private Sub Form_Load()
```

```
    Comm1.CommPort = 1
```

```
    Timer1.Interval = 500
```

```
    RS485_Addr = "00"
```

```
    Text1 = ""
```

```
End Sub
```

```
Public Function FutComm(Cmd As String, OutputD As String, GDLen As Long, DelayS As  
Single) As String
```

```
    Dim Sin1 As Single
```

```
    On Error Resume Next
```

```
    Comm1.InBufferCount = 0: Comm1.OutBufferCount = 0
```

```
    If Comm1.PortOpen = False Then Comm1.PortOpen = True
```

```
    Comm1.Output = Cmd & RS485_Addr & OutputD & vbCr
```

```
    Sin1 = Timer
```

```
    Do While Comm1.InBufferCount < GDLen And Timer - Sin1 < DelayS
```

```
        DoEvents
```

```
    Loop
```

```
    FutComm = Comm1.Input
```

```
    Comm1.PortOpen = False
```

```
End Function
```

```
Private Sub Timer1_Timer()
```

```
    Text1 = FutComm("GETD", "", 13, 0.1)
```

```
End Sub
```