

FT245RL Relay Control

RDL Technologies Pvt Ltd



FT245RL Relay Control

FTDIDLL Handling for FT245RL Relay Board

Add the dll file named “ftdidll_RDL” to the References of the project

Now import the file

```
Imports ftdidll_RDL
```

Use the declaration command

```
Dim FtrdIDll As New FT245RLRelayControl
```

Example method for calling the function

```
Dim rs = FtrdIDll.ConnectDevice  
If rs = 1 Then  
    Console.WriteLine("Device Connected")  
Else  
    Console.WriteLine("Not Connected")  
End If
```

Every Function returns the status if status = 1 then Success else if status = 0 then it is Fail

For Device Connection

```
ConnectDevice()
```

To find device serial number

```
GetDeviceSerialNo()
```

Example method for calling the function

```
Dim SerialNo = FtrdIDll.GetDeviceSerialNo  
Console.WriteLine(SerialNo.ToString)
```

To find no of device connected

```
GetNoOfDeviceConnected()
```



FT245RL Relay Control

For changing baudrate

SetBaudrate(115200)

To reset the device

ResetDevice()

8 Channel Relay ON OFF Commands

Relay1 ON Command

Relay1ON_8Ch()

Relay1 OFF Command

Relay1OFF_8Ch()

Similarly,

Sl. No.	Command	Description
1	Relay2ON_8Ch()	8 Channel Relay2 ON Command
2	Relay2OFF_8Ch()	8 Channel Relay2 OFF Command
3	Relay3ON_8Ch()	8 Channel Relay3 ON Command
4	Relay3OFF_8Ch()	8 Channel Relay3 OFF Command
5	Relay4ON_8Ch()	8 Channel Relay4 ON Command
6	Relay4OFF_8Ch()	8 Channel Relay4 OFF Command
7	Relay5ON_8Ch()	8 Channel Relay5 ON Command
8	Relay5OFF_8Ch()	8 Channel Relay5 OFF Command
9	Relay6ON_8Ch()	8 Channel Relay6 ON Command
10	Relay6OFF_8Ch()	8 Channel Relay6 OFF Command
11	Relay7ON_8Ch()	8 Channel Relay7 ON Command
12	Relay7OFF_8Ch()	8 Channel Relay7 OFF Command



FT245RL Relay Control

13	Relay8ON_8Ch()	8 Channel Relay8 ON Command
14	Relay8OFF_8Ch()	8 Channel Relay8 OFF Command

4 Channel relay board ON OFF Commands

Sl. No.	Command	Description
1	Relay1ON_4Ch()	4 Channel Relay1 ON Command
2	Relay1OFF_4Ch()	4 Channel Relay1 OFF Command
3	Relay2ON_4Ch()	4 Channel Relay2 ON Command
4	Relay2OFF_4Ch()	4 Channel Relay2 OFF Command
5	Relay3ON_4Ch()	4 Channel Relay3 ON Command
6	Relay3OFF_4Ch()	4 Channel Relay3 OFF Command
7	Relay4ON_4Ch()	4 Channel Relay4 ON Command
8	Relay4OFF_4Ch()	4 Channel Relay4 OFF Command

