

# How to decode patch code in VB.NET with ByteScout BarCode Reader SDK

## Tutorial on how to decode patch code in VB.NET

The sample shows steps and algorithm of how to decode patch code and how to make it work in your VB.NET application. ByteScout BarCode Reader SDK is the SDK for barcode decoding. Can read all popular types from Code 128, GS1, UPC and Code 39 to QR Code, Datamatrix, PDF417. Images, pdf, TIF images and live web camera are supported as input. Designed to handle documents with noise and defects. Includes optional splitter and merger for pdf and tiff based on barcodes. Batch mode is optimized for high performance with multiple threads. Decoded values can be exported to XML, JSON, CSV or into custom data format. It can be used to decode patch code using VB.NET.

Fast application programming interfaces of ByteScout BarCode Reader SDK for VB.NET plus the instruction and the code below will help you quickly learn how to decode patch code. Follow the instructions from the scratch to work and copy the VB.NET code. Enjoy writing a code with ready-to-use sample VB.NET codes.

Download free trial version of ByteScout BarCode Reader SDK from our website with this and other source code samples for VB.NET.

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## Source Code Files:

## Module1.vb

```
Imports System.IO
Imports Bytescout.BarCodeReader

Module Module1

    Sub Main()

        Const imageFile As String = "PatchCode.png"

        Console.WriteLine("Reading barcode(s) from image {0}", Path.GetFullPath(imageFile))

        Dim reader As New Reader()
        reader.RegistrationName = "demo"
        reader.RegistrationKey = "demo"

        ' Set barcode type to find
        reader.BarcodeTypesToFind.PatchCode = True
        ' Add vertical orientations to analysis
        reader.Orientation = OrientationType.Default Or OrientationType.VerticalFromBottom

        ' -----
        ' NOTE: We can read barcodes from specific page to increase performance .
        ' For sample please refer to "Decoding barcodes from PDF by pages" program.
        ' -----

        ' Read barcodes
        Dim barcodes As FoundBarcode() = reader.ReadFrom(imageFile)

        For Each barcode As FoundBarcode In barcodes
            Console.WriteLine("Found barcode with type '{0}' and value '{1}'", barcode.Type, barcode.Value)
        Next

        ' Cleanup
        reader.Dispose()

        Console.WriteLine("Press any key to exit..")
        Console.ReadKey()

    End Sub

End Module
```

VIDEO

<https://www.youtube.com/watch?v=EARSPJFIJMU>

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