

Code from "http://www.barcode-generator.org/"



Code from "https://barcode.tec-it.com/en/Code39"



My generated Code from PHP-Module "Code39" (source Code next side)



My generated Code from MS Excel (TrueType Font Code39.ttf)



PHP-Module

```
function Code39($xpos, $ypos, $code, $baseline=0.5, $height=5, $color){
```

```
    $wide = $baseline;
    $narrow = $baseline / 3 ;
    $gap = $narrow;

    $barChar['0'] = 'nnnwwnwnn';
    $barChar['1'] = 'wnnwnnnnw';
    $barChar['2'] = 'nnwwnnnnw';
    $barChar['3'] = 'wnwwnnnnn';
    $barChar['4'] = 'nnnwwnnnw';
    $barChar['5'] = 'wnnwwnnnn';
    $barChar['6'] = 'nnwwwnnnn';
    $barChar['7'] = 'nnnwnnwnw';
    $barChar['8'] = 'wnnwnnwnn';
    $barChar['9'] = 'nnwwnnwnn';
    $barChar['A'] = 'wnnnnwnnw';
    $barChar['B'] = 'nnwnnwnnw';
    $barChar['C'] = 'wnwnnwnnn';
    $barChar['D'] = 'nnnnwwnnw';
    $barChar['E'] = 'wnnnwwnnn';
    $barChar['F'] = 'nnwnwwnnn';
    $barChar['G'] = 'nnnnnwwnw';
    $barChar['H'] = 'wnnnnwwnn';
    $barChar['I'] = 'nnwnnwwnn';
    $barChar['J'] = 'nnnnwwwnn';
    $barChar['K'] = 'wnnnnnnw';
    $barChar['L'] = 'nnwnnnnw';
    $barChar['M'] = 'wnwnnnnw';
    $barChar['N'] = 'nnnnwnnw';
    $barChar['O'] = 'wnnnwnnw';
    $barChar['P'] = 'nnwnwnnw';
    $barChar['Q'] = 'nnnnnw';
    $barChar['R'] = 'wnnnnw';
    $barChar['S'] = 'nnwnnw';
    $barChar['T'] = 'nnnnnw';
    $barChar['U'] = 'wnnnnw';
    $barChar['V'] = 'nnwnnw';
    $barChar['W'] = 'wnnnnw';
    $barChar['X'] = 'nnwnnw';
    $barChar['Y'] = 'wnnnnw';
    $barChar['Z'] = 'nnwnnw';
    $barChar['-'] = 'nnnnnw';
    $barChar['.'] = 'wnnnnw';
```

```
$barChar[' '] = 'nwwnnnwnn';
$barChar['*'] = 'nwnnwnnwn';
$barChar['$'] = 'nwnwnwnnn';
$barChar['/'] = 'nwnwnnnwn';
$barChar['+'] = 'nwnnnwnwn';
$barChar['%'] = 'nnnwnwnwn';
```

```
$this->SetFont('Arial','',10);
$this->Text($xpos, $ypos + $height + 4, $code);
```

```
$this->SetFillColor(0);
if ($color == 1){
    $this->SetFillColor(0,0,0);
} else {
    $this->SetFillColor(255,255,255);
}
```

```
$code = '*'.strtoupper($code).'*';
for($i=0; $i<strlen($code); $i++){
    $char = $code[$i];
    if(!isset($barChar[$char])){
        $this->Error('Invalid character in barcode: '.$char);
    }
    $seq = $barChar[$char];
    for($bar=0; $bar<9; $bar++){
        if($seq[$bar] == 'n'){
            $lineWidth = $narrow;
        }else{
            $lineWidth = $wide;
        }
        if($bar % 2 == 0){
            $this->Rect($xpos, $ypos, $lineWidth, $height, 'F');
        }
        $xpos += $lineWidth;
    }
    $xpos += $gap;
}
}
```