

# CRC-x16 + x12 + x5 + 1

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*Source:* <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.com/2007-01/msg00014.html>

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vincenzoeltronico wrote:

Polynom:  $x^{16} + x^{12} + x^5 + 1$

Hi

The procedure would serve me in vb6 for the calculation of the CRC on a vector of 14 byte

Thanks to all in advance

For what? Do you actually have a question, or are you expecting someone to write a code module for you?

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Regards,

Michael Cole

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I have the procedure in C but I don't succeed in translating her/it in visual basic! if someone can lend me a hand, helps me to graduate me! hi

Polynom:  $x^{16} + x^{12} + x^5 + 1$  ? CRC\_POLYNOM = 0x8408;

Start Value: 0xFFFF ? CRC\_PRESET = 0xFFFF;

C-Example:

```
unsigned int crc = CRC_PRESET;
```

```
for (i = 0; i < cnt; i++) /* cnt = number of protocol bytes without CRC */
```

```
{
```

```
  crc ^= DATA[i];
```

CRC-x16 + x12 + x5 + 1

```
for (j = 0; j < 8; j++)  
{  
  if (crc & 0x0001)  
    crc = (crc >> 1) ^ CRC_POLYNOM;  
  else  
    crc = (crc >> 1);  
}
```

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