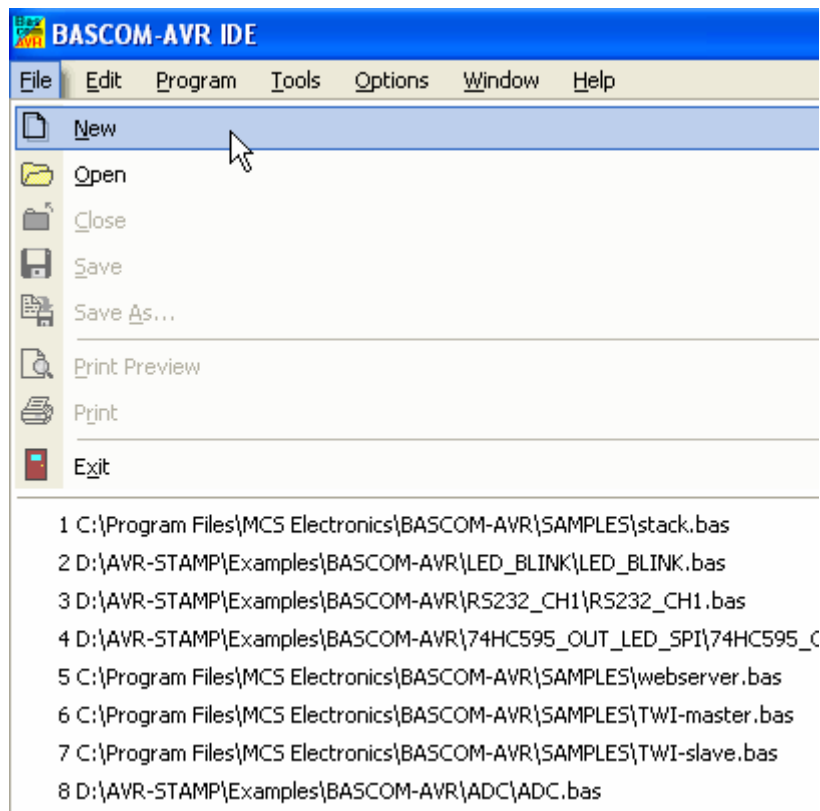


An Example with BASCOM-AVR

We use Program **BASCOM-AVR** for writing BASIC Language Program. MCS Electronics Co., Ltd. has experimental version of this Software and user can download from website : www.mcselec.com However, ETT Co., Ltd. provides this program in our CD-ROM. It is program BASCOM-AVR Version 1.11.7.9. but user can not compile Source Code greater than 4 kbyte and proceeding to use this program is;

1. Open program CodeVisionAVR C Compiler and click Menu Instruction of **File** → **New** as in the picture.



2. It will display window of **Editor** for writing program. In the sample, it is a program of blinker at PORTB.0.

```

'*****
'* Examples Program For "ET-AVR STAMP ATmega64" Board *
'* Target MCU : Atmel ATmega16 *
'* Frequency : X-TAL : 16 MHz *
'* Compiler : BASCOM-AVR 1.11.7.9 *
'* Create By : ADISAK CHOOCHAN (WWW.ETT.CO.TH) *
'* Last Update : 1/September/2005 *
'* Description : Example LED Blink on Portb.0 *
'*****

'Connect PB0 to LED1

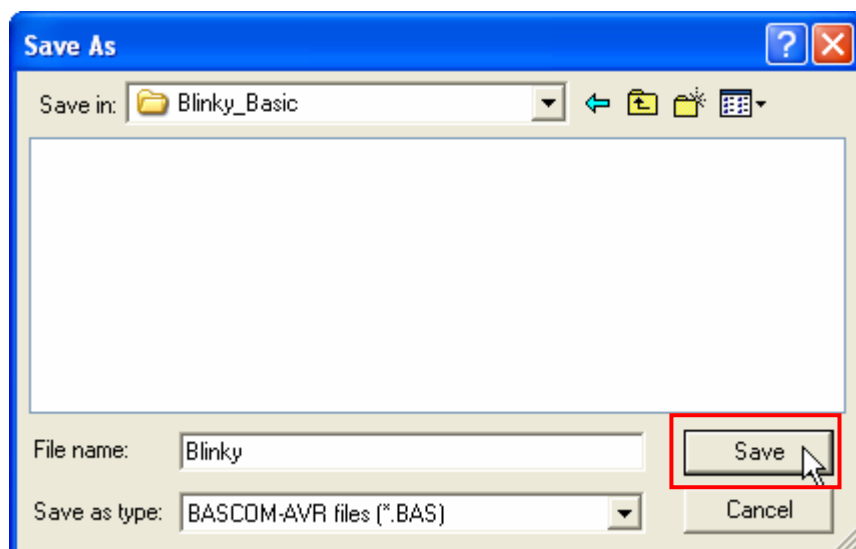
$regfile="m64def.dat" 'ATmega16
$crystal=16000000 'X-TAL = 16 MHz

Config Portb=Output 'Config Portc as output

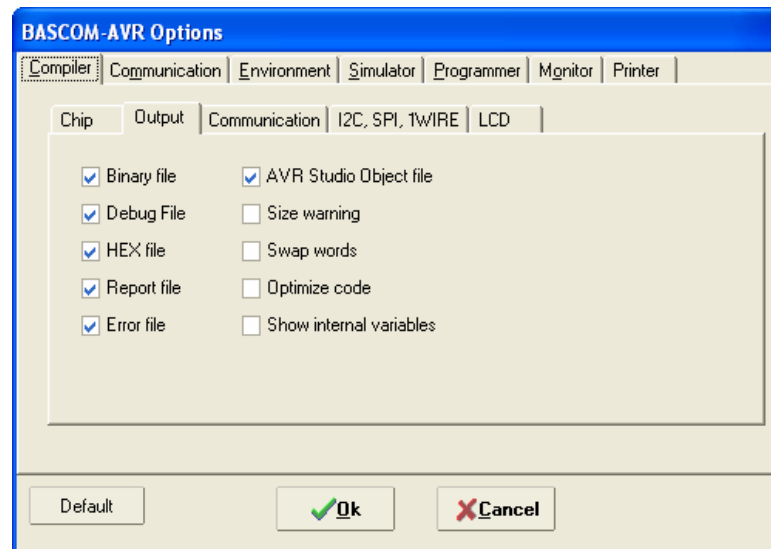
Do
    Portb.0 = Not Portb.0 'Convert Portb.0
    Waitms 200 'Wait 200 ms
Loop
End

```

3. Save written BASIC Language program, click Menu **File** → **Save** and specify its File name. Click **Save** as in the picture.



4. Select Menu Instruction of **Option** → **Compiler** → **Output** to assign default value of Output File creation into program BASCOM-AVR.



5. Translate written program, click Menu Instruction of **Program** → **Compile**. After translated program completely without any mistake, it will display a message as **No errors found** and user can download this HEX File into MCU instantly.

