



ICCAVR——内容

一、开发板厂商提供的版本（低版本）

——不适应于WIN7及其以上版本



二、较高版本（ICCAVR7.22）

——适应于WIN7及其以上版本



三、高低版本的区别

- 1、中断向量
- 2、CPU设置



ICCAVR——低版本

一、开发板厂商提供的版本（低版本）

——不适应于WIN7及其以上版本

1、初步安装“ICCAVR”

2、注册

2.1 第一次注册

2.2 第二次注册

导航、制导与控制

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控制系统配套光盘简介

1) AVR控制系统资料:

- 控制系统说明书—本系统说明书;
- 控制器接线表—系统接线的全部信息;
- demo3.hex—系统检验程序;
- demo3C例程—检验程序C源码;

2) AVR编译器:

- 《Asmpack》—汇编开发包;
- 《ICCAVR》—AVRC语言开发包;
- 《AVR Studio》—AVR开发包;

3) 下载软件:

- 《Pony prog》—“马头”下载软件;
- 《双龙下载软件》—国内公司的下载软件;
- 《串口调试助手》—232口程序.

导航、制导与控制

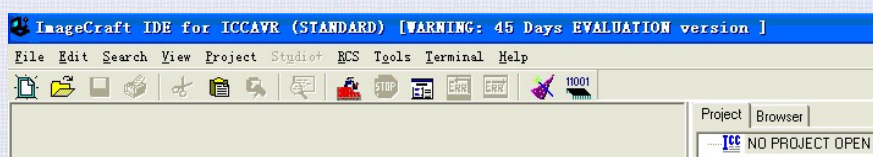
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1、初步安装 “ICCAVR”



- 直接双击 “iccavrdem.exe” 即可，但安装完毕后，只能得到一个使用45天的演示版平台软件，需要进行相应的注册，才可能继续使用。



导航、制导与控制

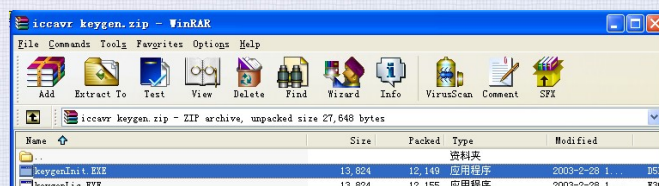
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2、注册



- 在 “iccavr keygen.zip” 内有两个文件，用于根据提示信息，产生相应的初始化注册码和序列码。



导航、制导与控制

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2.1 第一次注册：



2.1 第一次注册的结果





2.2 第二次注册：

License ICCAVR

TO LICENSE THE PRODUCT, YOU MAY

- 1) Import a license from an unlock floppy. NOTE: the floppy looks empty, this is normal. Once the license has been imported, the unlock floppy no longer contains a license, OR
- 2) After purchasing a license (either through our secured web server at <http://www.imagecraft.com> or by calling us at (850) 433-9326), you may email license@imagecraft.com with the product name and the HEX string below.

If you are requesting a replacement license, please include serial number of the product that you are licensing in your email. We will then email you an unlock code.

[NOTE: the HEX string changes everytime this dialog box comes up. This is NORMAL BEHAVIOR. Do NOT reinstall the product while waiting for us to respond to your email. Doing so will invalidate the code you sent us.]

E-Mail Unlock Code

Select and COPY ("C"), email to license@imagecraft.com 50 57 A6 2A F4 53 6E

Paste ("V") the unlock code from ImageCraft's email ... and Click

038D7AE520866CAE3163163801D2193F419257 License

Single Use Unlock Floppy

Insert Floppy in Drive A: and Click: Import License

How to use hardware dongle... CANCEL

Your unlock code here:

038D7AE520866CAE3163163801D2193F419257

Generate Exit WinBin / Demon

Insert Floppy in Drive A: and Click: Import License

How to use hardware dongle... CANCEL

Keygen for Imagecraft ICCAVR V6

Customer code from license dialog:

50 57 A6 2A F4 53 6E

Your unlock code here:

038D7AE520866CAE3163163801D2193F419257

Generate Exit WinBin / Demon

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2.2 第二次注册的结果

ImageCraft IDE for ICCAVR (STANDARD) [WARNING: 45 Days EVALUATION version]

File Edit Search View Project Stylus+ RCS Tools Terminal Help

Project | Browser |

NO PROJECT OPEN

License ICCAVR

TO LICENSE THE PRODUCT, YOU MAY

- 1) Import a license from an unlock floppy. NOTE: the floppy looks empty, this is normal. Once the license has been imported, the unlock floppy no longer contains a license, OR
- 2) After purchasing a license (either through our secured web server at <http://www.imagecraft.com> or by calling us at (850) 433-9326), you may email license@imagecraft.com with the product name and the HEX string below.

If you are requesting a replacement license, please include serial number of the product that you are licensing in your email. We will then email you an unlock code.

[NOTE: the HEX string changes everytime this dialog box comes up. This is NORMAL BEHAVIOR. Do NOT reinstall the product while waiting for us to respond to your email. Doing so will invalidate the code you sent us.]

E-Mail Unlock Code

Select and COPY ("C"), email to license@imagecraft.com 50 57 A6 2A F4 53 6E

Paste ("V") the unlock code from ImageCraft's email ... and Click

038D7AE520866CAE3163163801D2193F419257 License

Single Use Unlock Floppy

Insert Floppy in Drive A: and Click: Import License

How to use hardware dongle... CANCEL

Your unlock code here:

038D7AE520866CAE3163163801D2193F419257

Generate Exit WinBin / Demon

Insert Floppy in Drive A: and Click: Import License

How to use hardware dongle... CANCEL

Information

License has been saved. Click OK to exit program.

OK

ImageCraft IDE for ICCAVR (PROFESSIONAL)

File Edit Search View Project Stylus+ RCS Tools Terminal Help

Project | Browser |

NO PROJECT OPEN

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二、较高ICCAVR版本

- 适应于WIN7及其以上版本
 - 无需注册
- 直接运行 iccv7avrV7.22Setup.msi 即可

导航、制导与控制

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三、高低版本的区别

1、中断向量（生成的项目框架文件中）

■ 低版本

```
#pragma interrupt_handler
timer0_ovf_isr:17
void timer0_ovf_isr(void)
{
    TCNT0 = 0x64;
}

#pragma interrupt_handler
uart0_rx_isr:19
void uart0_rx_isr(void)
{
    //uart has received in UDR
}
```

■ 高版本

```
#pragma interrupt_handler
timer0_ovf_isr:iv_TIMO_OVF
void timer0_ovf_isr(void)
{
    TCNT0 = 0x64; //reload counter value
}

#pragma interrupt_handler
uart0_rx_isr:iv_USARTO_RXC
void uart0_rx_isr(void)
{
    //uart has received in UDR
}
```

导航、制导与控制

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核查头文件iom128v.h结果

■ 在头文件iom128v.h中，已经有定义：

- /* Interrupt Vector Numbers */
- #define iv_RESET 1
-
- #define iv_TIMER0_OVF 17
- #define iv_SPI_STC 18
- #define iv_USART0_RX 19
- #define iv_USART0_RXC 19
- #define iv_USART0_DRE 20
- #define iv_USART0_UDRE 20
-

结论：两个版本的文件实际上是一致的。

导航、制导与控制

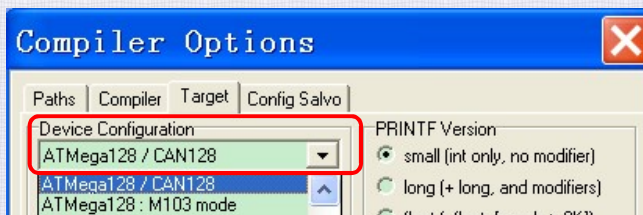
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2、CPU设置情况

- 通过魔术棒调用厂家默认的CPU型号（一致）
- 通过“Project/Option”设置的CPU型号（不一致）

■ 低版本



■ 高版本

