

aIVR3KWS
aIVR3K USB Writer
USER GUIDE

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Introduction

The aIVR3KWS USB Writer is designed to support Aplus' aIVR3K series Voice chips. The devices that to be supported are:

- **aIVR3K10 (10 sec, 1 IN, 3 I/O OTP chip)**
- **aIVR3K21 (21 sec, 1 IN, 3 I/O OTP chip)**
- **aIVR3K42 (42 sec, 1 IN, 7 I/O OTP chip)**

This USB writer serves three main functions:

Blank Check – to check the aIVR3K chip whether is blank chip.

Program – to program the DAT file into the aIVR3K chip .

Verify– to verify the DAT file into the aIVR3K chip.

Please refer to the documents of the individual software.

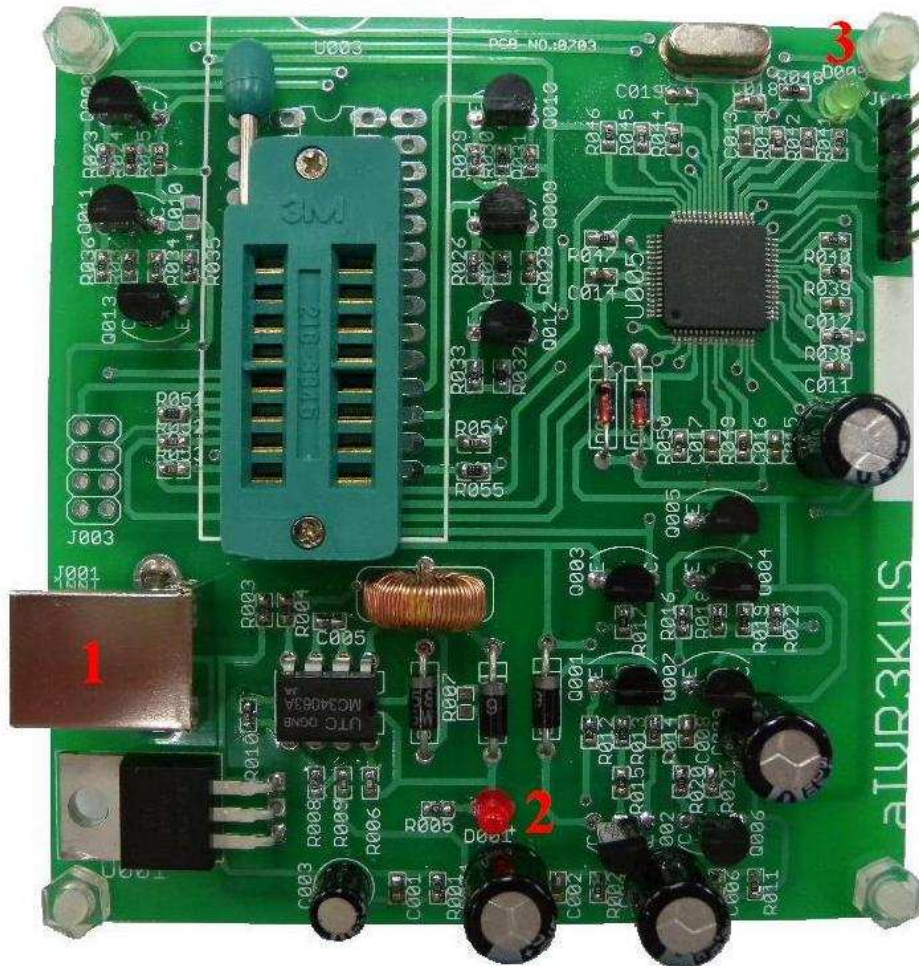
Installation

Hardware Installation

aIVR3KWS is a USB based writer programmer. It is intended to be used in Windows XP computer.

Writer Board Connection

- 1) Connect USB cable from the writer board to the computer. The computer will display a new hardware is found message. The installation will begin automatically.
- 2) If there are too many USB devices are connected to your computer at the same time, the current supply from USB may not be sufficient to support the writer board.



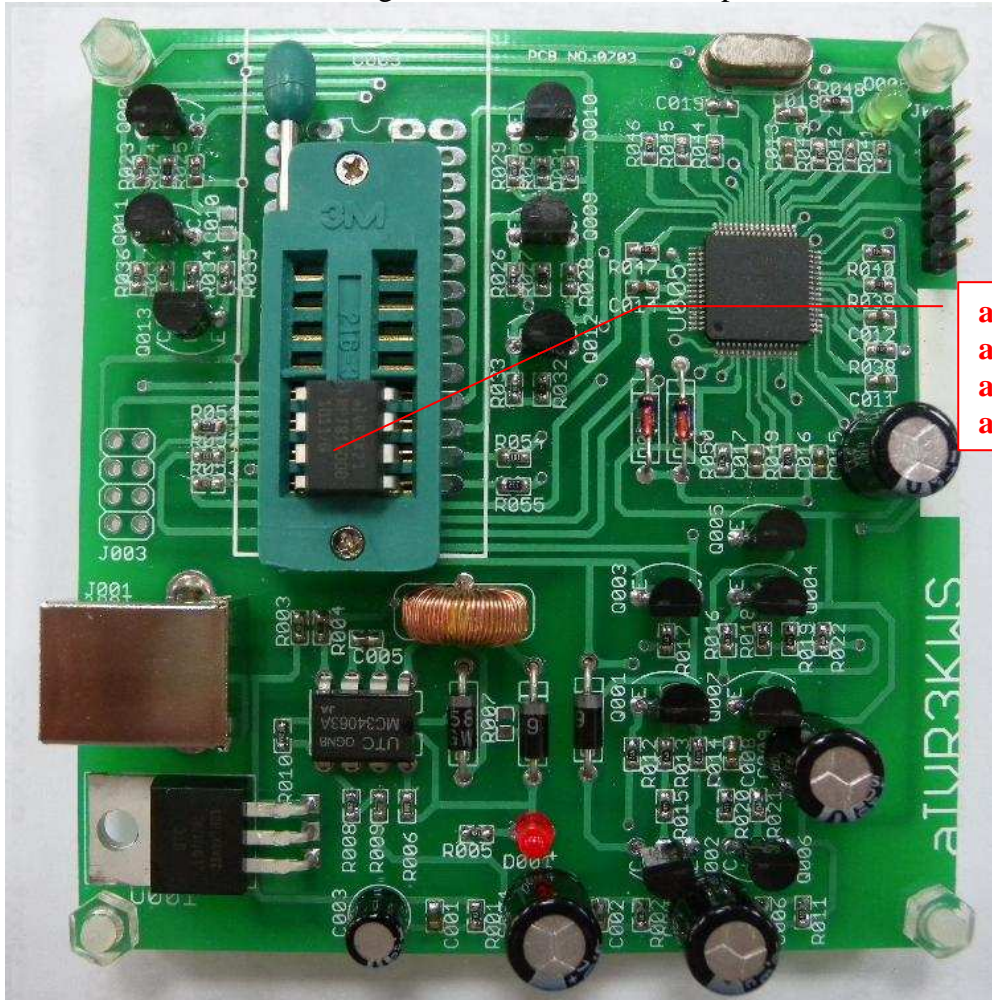
Legend :

- 1. Connect to the computer's USB port**
- 2. The power LED will be turned ON**
- 3. BUSY LED**

Fig. 1 The aIVR3KWS Writer Programmer Board

Inserting Devices onto the Programmer

- DIP package devices
- Device should be inserted align to the bottom of the 24-pin textool socket.

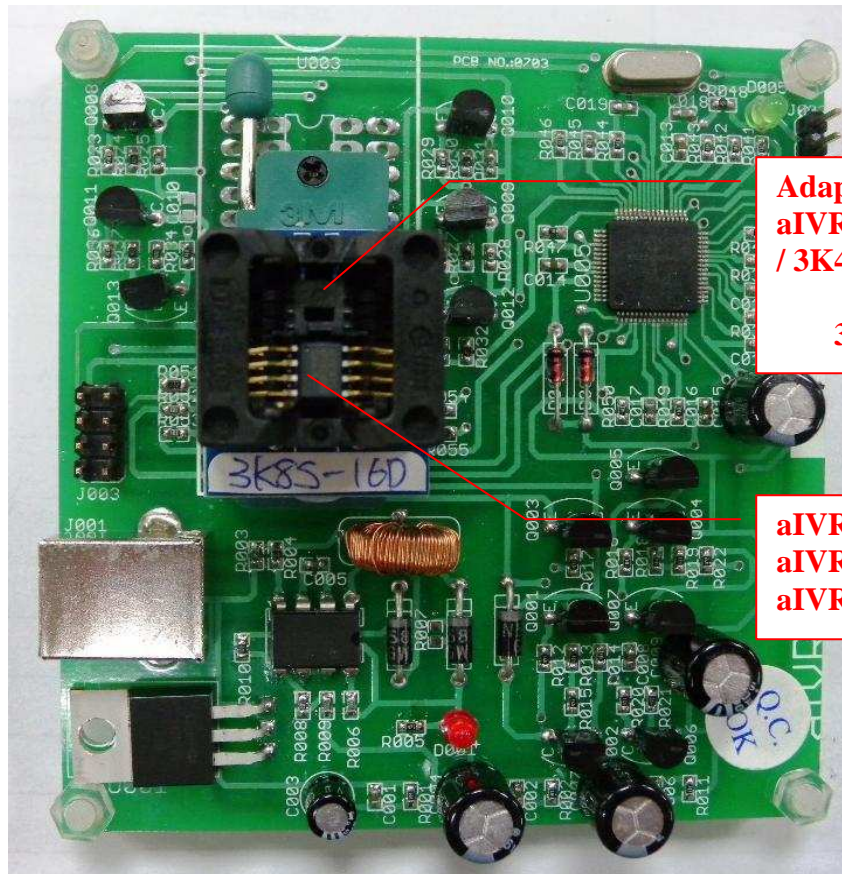


aIVR3K10 - 8DIP
aIVR3K21 - 8DIP
aIVR3K42 - 8DIP
aIVR3K42 - 14DIP

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SOP Package

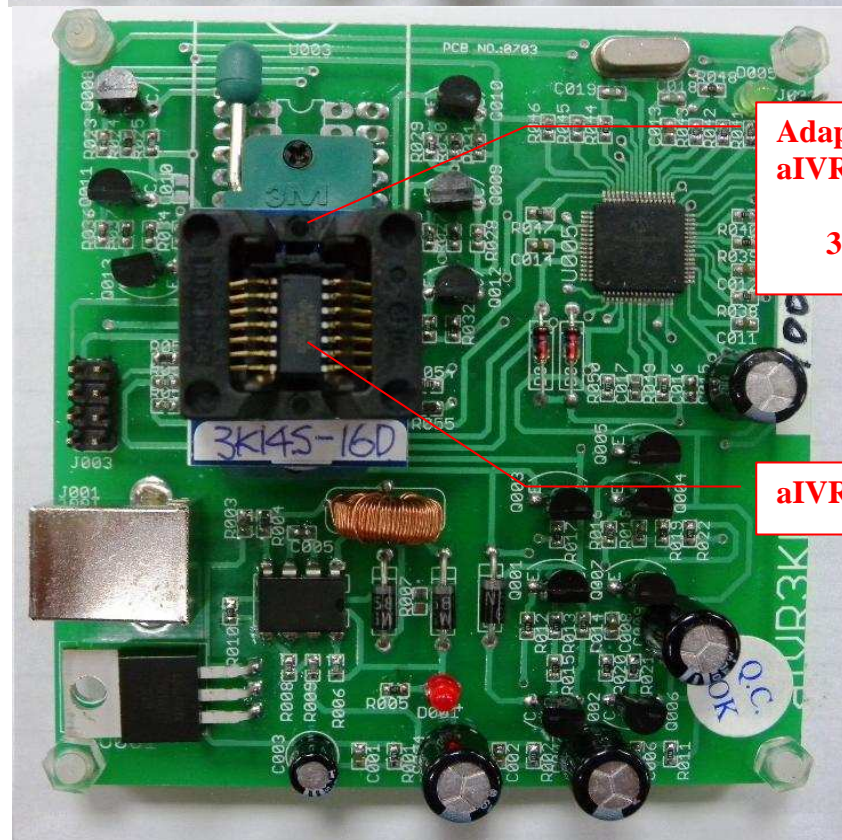
- Additional SOP adapter should be used and align to bottom of the 24-pin textool socket.



**Adapter for
aIVR3K10 / 3K21
/ 3K42 SOP:

3K8S-16D**

**aIVR3K10 – 8SOP
aIVR3K21 – 8SOP
aIVR3K42 – 8SOP**



**Adapter for
aIVR3K42 SOP:

3K14S-16D**

aIVR3K42 - 14SOP