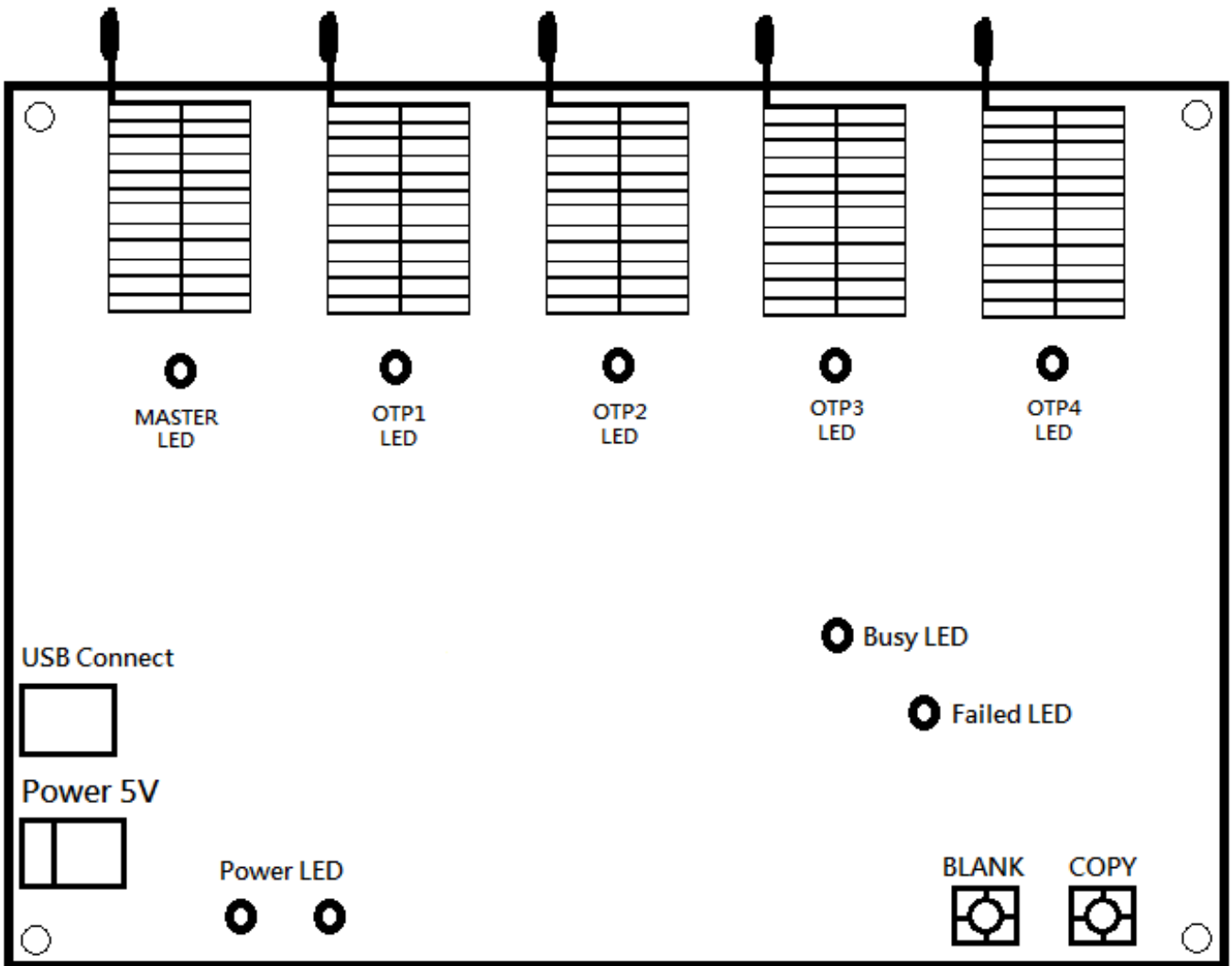


aP23KC-DIP USER GUIDE

Voice OTP Copier for aP89K & aP23series DIP



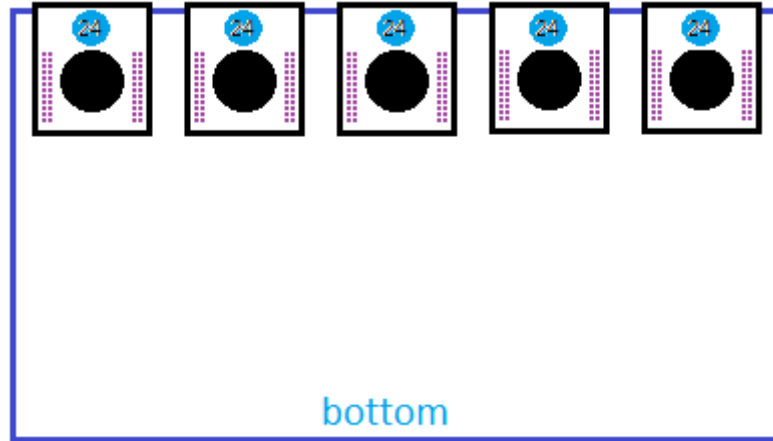
**** INTRODUCTION :**

The voice OTP 1 to 4 copier is designed to fast copying Aplus' 3rd OTP devices for mass production. Devices supported are aP89682K/341K/170K/085K DIP24 and aP23682/341/170/085 DIP16 & DIP8 ICs.

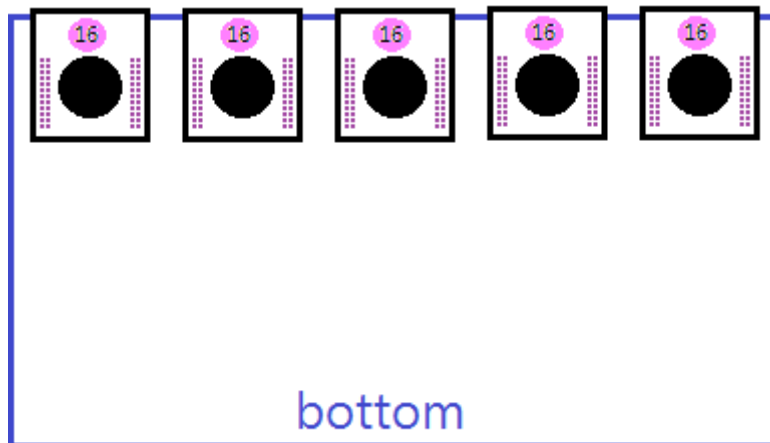
From one and up to four pcs. of blank OTP devices can be copied at one time.

Note : The master IC should be compiled by V2.4 and up version software.

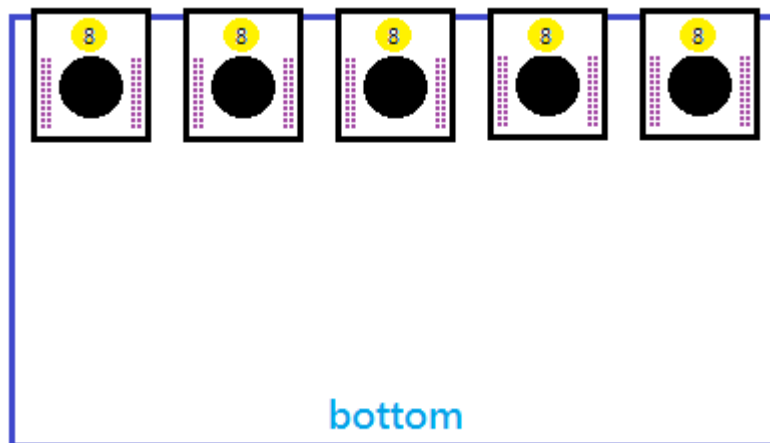
There are three different configure boards (5pcs./one set) on the back . Please exactly select the correct set to do the copy as following :



For aP89682K/341K/170K/085K DIP24



For aP23682/341/170/085 DIP16



For aP23682/341/170/085 DIP8

**** OPERATION STEPS :**

1. Connect Power Supply :

- Connect the 5V DC 1Amp adaptor to the DC power jack.
- Red Power LED turn ON then Master LED & OTP LEDs turn ON from left to right to Failed LED to Busy LED one by one total 3 times to indicate ready for use.

2. Blank check :

- Insert OTP ICs to the empty OTP sockets.
- Press Blank button to start.
- Green OTP LED turns ON means OTP under blank check is passed.
 - ** If any one of the green OTP LED keep flash, that means it's a defective one.
Please change a new one to continue the work.
 - ** If any one of OTP IC put in wrong direction, all Green OTP LEDs would keep flash together to warn you correcting the mistake.

3. Copy :

- Press Copy button to start copy.
 - *If the Master LED keep flash that means the copier finds the Master IC has some problems.
- Green OTP LED turn ON means OTP copy is passed.
- If any one of the OTP is failed, its Green OTP LED would be extinguished and Failed LED turn ON.

** USB connect is for firmware updated if necessary in the future.