

成都极空科技有限公司
Chengdu Jikong Technology Co., Ltd

掉串维修方法
Maintenance methods for dropped strings

故障类型：掉串

Fault type: dropped string

使用工具：螺丝刀、万用表、镊子、烙铁

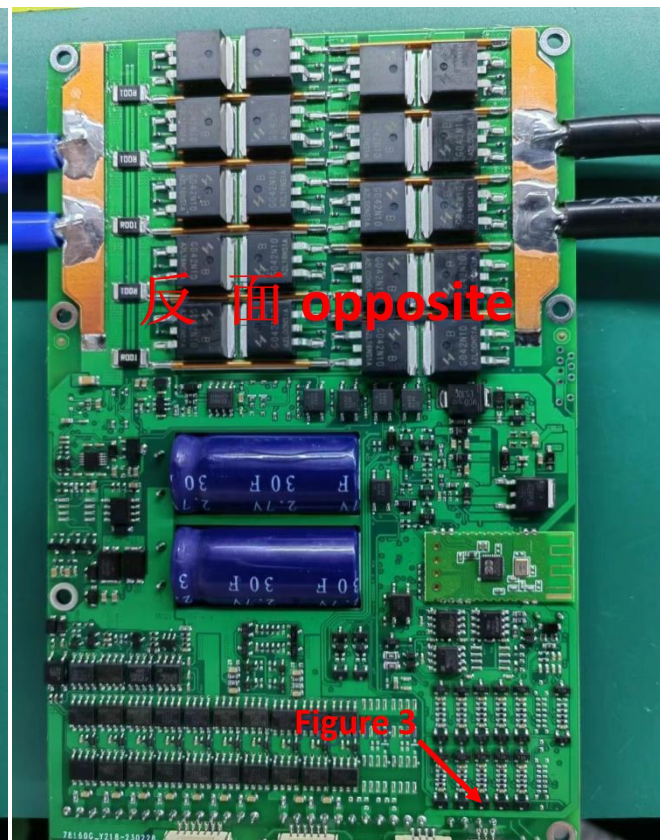
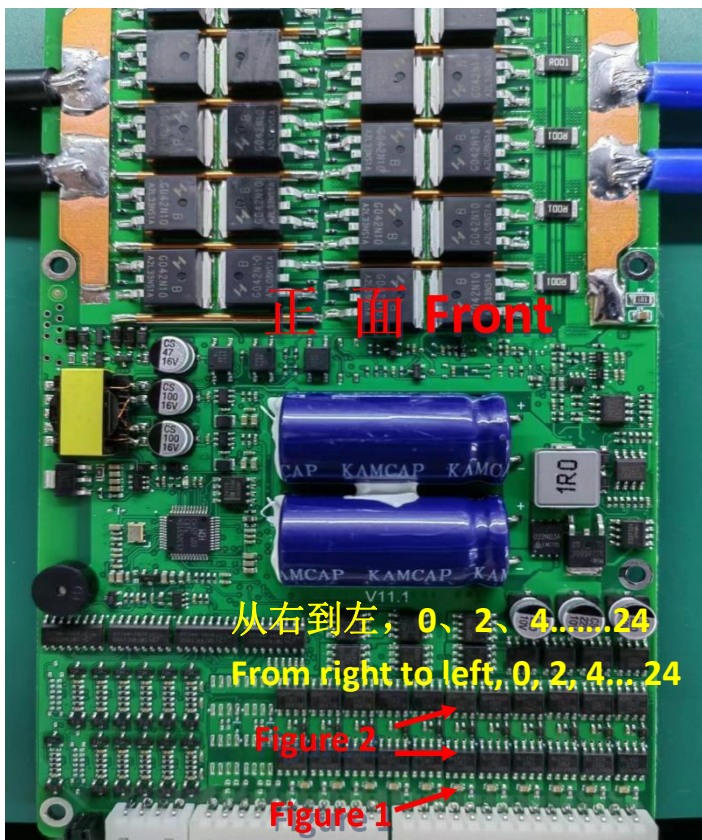
Tools used: screwdriver, multimeter, tweezers, soldering iron

型号：JK-B2A20S20P

Model: JK-B2A20S20P

版本：V11.1

Version: V11.1



维修步骤 Repair steps

- 1、 使用万用表通断档或者电阻档测试 10 串 R01 保险电阻（如图 1 位置）。正常情况有 0.1 欧阻值。如无阻值需更换电阻。

Use the on-off or resistance setting of the multimeter to test 10 strings of R01 fuse resistors (as shown in Figure 1). Normally there is a resistance of 0.1 ohm. If there is no resistance, the resistor needs to be replaced.

- 2、 使用万用表二极管档测试 10 串 8 脚 MOS 管（如图 2 位置）压降。正常情况 MOS 管有 0.48V 左右压降，如压降为 0 或者压降差距较大，MOS 管击穿损坏，需更换 MOS 管。注：万用表红表笔接 1 脚，黑表笔接 8 脚（丝印有圆点位置表示 1 脚）

Use the diode setting of the multimeter to test the voltage drop of 10 strings of 8-pin MOS tubes (positioned in Figure 2). Under normal circumstances, the MOS tube has a voltage drop of about 0.48V. If the voltage drop is 0 or the voltage drop gap is large, the MOS tube is broken down and damaged, and the MOS tube needs to be replaced. Note: The red test lead of the multimeter is connected to pin 1, and the black test lead is connected to pin 8 (the dot position on the silk screen indicates pin 1)

- 3、 使用万用表二极管档测试 10 串驱动 3 脚 MOS 管（如图 3 位置）压降。正常情况 MOS 管有 1V 左右压降，如压降为 0 或者压降差距较大，MOS 管击穿损坏，需更换 MOS 管。注：万用表红表笔接 3 脚，黑表笔接 2 脚（一边只有 1 个脚为 MOS 管 3 脚）

Use the diode setting of a multimeter to test the voltage drop of 10 strings of driven 3-pin MOS tubes (positioned in Figure 3). Under normal circumstances, the MOS tube has a voltage drop of about 1V. If the voltage drop is 0 or the voltage drop gap is large, the MOS tube is broken down and damaged, and the MOS tube needs to be

replaced. Note: The red test lead of the multimeter is connected to pin 3, and the black test lead is connected to pin 2 (only one pin on one side is pin 3 of the MOS tube)