**Following are the suggestions while checking the fault DIGIT 3K6, comes from:**

**1- Components which appears problem on it while the 3K6 production, present by QC people in workshop.**

**2- Replacing suggestion presented by design engineer.**

## PCB: AVSQ01401-02A (P.S.U.)

| Components | | Possible fault if it damaged | Action |
|---|---|---|---|
| **R36** | 1ohm / 0805 | its damage will cut of PSU working as it is used as a fuse here | Replace by a 0ohm resistor or just change to direct wiring |
| **D43,D44** | FR104 | a> no Start, LED in mains power switch not light -up | Change to use MUR160 |
| | | b> sometimes it will cause IC9 get damaged (not often) | |
| **D31,D32,D33,D34** | MUR1540 / TO-220 | amp not work, burn the Fuse in mains power socket | Replace by new one |
| **D1** | 20A / 1000V | amp not work, burn the Fuse in mains power socket | Replace by new one |
| **Q1,Q2,Q3,Q4,Q5,Q6** | RFP32N50K / TO-24 | amp not work, burn the Fuse in mains power socket | Replace by new one |
| **D3** | MUR1560 / TO-220 | used for PFC filting, its damage will burn the Fuse in mains power socket | Replace by new one |
| **D13,D14** | 18V / 0.5W | used as Fuse, its damage will stop the PSU working | Replace by new one |
| **Control Box** | | PSU not work | Replace by new one |

## PCB: AVSQ01401-02B

| | | | |
|---|---|---|---|
| **IC6, IC7** | LM75L15 / LM79L15 | both AMP channel not work and will cause D13/D14 burnt | Replace by new one |

## PCB: AVSQ01401-01A / 01B (CH amp pcb)

| | | | |
|---|---|---|---|
| **D11** | | CH amp not working | replace by new one |
| **D2** | 18V / 0.5W | CH amp not working | replace by new one |
| **R72** | 2R2 / 0805 | CH amp not working | replace by new one |
| **L4,L5** | 33uH / 0805 | CH amp not working | replace by new one or just change to direct wiring |
| **IC12** | 6N137/0198 | CH amp not working | replace by new one |
| **IC5** | LM78L05/SOF89 | CH amp not working | replace by new one |
| **L2,L3** | | CH amp not working | replace by new one or just change to direct wiring |
| **F1,F2** | | CH amp not working | replace by new one |
| **C28** | | CH amp not working, even comonents/PCB burnt | check soldering situation / replace by new one |
| **Q21,Q24** | main power transistor | CH amp not working | replace by new one |
| **Control Box** | | CH amp not working | Replace by new one |

**Relative components are indicated on PCB printing file.**