

ABNORMAL TEST RESULT

OF MODEL LDC30F-11. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown

No.

4. Other Results

See the following pages (1/10~10/10).

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|-----------|-------|---|--------------------|
| C11 | Open | Normal operation. | |
| | Short | F11 opened. No hazard. | 0V |
| C12 | Open | Output voltage decreased. No hazard. | |
| | Short | F11 opened. No hazard. | 0V |
| C15 | Open | F11 opened, No hazard. | 0V |
| | Short | Normal operation. | |
| C16 | Open | Normal operation. | |
| | Short | Normal operation. | |
| C17 | Open | Output voltage decreased. No hazard. | 0V |
| | Short | F11 opened. No hazard. | 0V |
| C18 | Open | Normal operation. | |
| | Short | Normal operation. | |
| C19 | Open | Normal operation. | |
| | Short | Normal operation. | |
| C51~C53 | Open | Normal operation. | |
| | Short | Output voltage decreased. No hazard. | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|------------|-------|--|--------------------|
| C54 | Open | Normal operation. | |
| | Short | Output voltage decreased. No hazard. | |
| C55 | Open | Normal operation. | |
| | Short | No hazard. | 0V |
| C57 | Open | AVR1 Output voltage decreased. No hazard. | |
| | Short | Output voltage decreased. No hazard. | |
| C71 C72 | Open | Normal operation. | |
| | Short | F11 opened. No hazard. | 0V |
| C73 | Open | AVR3 Output voltage decreased. No hazard. | |
| | Short | F11 opened. No hazard. | 0V |
| C74 | Open | Normal operation. | |
| | Short | Output voltage decreased. No hazard. | |
| C75 | Open | Normal operation. | |
| | Short | Output voltage decreased. No hazard. | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|------------|-------|--|--------------------|
| D11 | Open | Normal operation. | |
| | Short | Normal operation. | |
| D51 | Open | No hazard. | 0V |
| | Short | Output voltage decreased. No hazard. | |
| D71 | Open | Output voltage decreased. No hazard. | AVR2...0V |
| | Short | F11 opened. No hazard. | 0V |
| D72 D73 | Open | No hazard. | 0V |
| | Short | F11 opened. No hazard. | 0V |
| D74 | Open | Normal operation. | |
| | Short | Normal operation. | |
| D75 D76 | Open | AVR2 Output voltage decreased. No hazard. | |
| | Short | Normal operation. | |
| D77 | Open | Normal operation. | |
| | Short | Output voltage decreased. No hazard. | 0V |

ABNORMAL TEST RESULT

| Component | Mode | Comment | | Output Voltage (V) |
|-----------|-------|---|---|--------------------|
| D78 | Open | Normal operation. | | |
| | Short | Output voltage decreased. No hazard. | | 0V |
| F11 | Open | No hazard. | | 0V |
| | Short | Normal operation. | | |
| IC51 | Open | A | No hazard. | 0V |
| | Short | R-A | No hazard. | 0V |
| IC51 | Open | R | No hazard. | 0V |
| | Short | K-R | Output voltage decreased. No hazard. | |
| IC51 | Open | K | No hazard. | 0V |
| | Short | A-K | Output voltage decreased. No hazard. | |
| IC71 | Open | R | AVR2 Output voltage increased. No hazard. | |
| | Short | G-R | Output voltage decreased. No hazard. | |
| IC71 | Open | I | Output voltage decreased. No hazard. | AVR2...0V |
| | Short | I-0 | AVR2 Output voltage increased. No hazard. | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | | Output Voltage (V) |
|-----------|-------|------------------------|--|--------------------|
| IC71 | Open | 0 | Output voltage decreased. No hazard. | AVR2...0V |
| | Short | 0-G | Output voltage decreased. No hazard. | |
| IC71 | Open | G | No hazard. | AVR2...0V |
| IC72 | Open | 0 | Output voltage decreased. No hazard. | AVR3...0V |
| | Short | G-I | F11 opened. No hazard. | 0V |
| IC72 | Open | G | AVR3 Output voltage increased. No hazard. | |
| | Short | I-0 | AVR3 Output voltage increased. No hazard. | |
| IC72 | Open | I | Output voltage decreased. No hazard. | AVR3...0V |
| | Short | 0-G | Output voltage decreased. No hazard. | |
| L11 | Open | No hazard. | | 0V |
| | Short | F11 opened. No hazard. | | 0V |
| L51 | Open | No hazard. | | 0V |
| | Short | Normal operation | | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | | Output Voltage (V) |
|-----------|-------|------------------------|-------------------|--------------------|
| PC11 | Open | TR | No hazard. | 0V |
| | Short | | No hazard. | 0V |
| PC11 | Open | LED | No hazard. | 0V |
| | Short | | No hazard. | 0V |
| PC12 | Open | K | Normal operation. | |
| | Short | A-K | No hazard. | 0V |
| PC12 | Open | G | Normal operation. | |
| | Short | K-G | Normal operation. | |
| PC12 | Open | A | Normal operation. | |
| | Short | G-A | No hazard. | 0V |
| PC12 | Open | LED | Normal operation. | |
| | Short | | Normal operation. | |
| R11~R13 | Open | Normal operation. | | |
| R14~R21 | Open | Normal operation. | | |
| R22 | Open | Normal operation. | | |
| R23 | Open | Normal operation. | | |
| R24 | Open | No hazard. | | 0V |
| R25~R32 | Open | F11 opened. No hazard. | | 0V |

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|------------|------|--|--------------------|
| R33 | Open | Normal operation. | |
| R34 | Open | Normal operation. | |
| R35 | Open | No hazard. | 0V |
| R36~R44 | Open | Normal operation. | |
| R51 | Open | Normal operation. | |
| R52 | Open | No hazard. | 0V |
| R53 | Open | Normal operation. | |
| R54 | Open | AVR1 Output voltage decreased. No hazard. | |
| R55 | Open | No hazard. | 0V |
| R56 R57 | Open | Output voltage decreased. No hazard. | |
| R58~R61 | Open | Normal operation. | |
| R71 R72 | Open | Normal operation. | |
| R73 | Open | AVR2 Output voltage increased. No hazard. | |
| R74 R75 | Open | AVR2 Output voltage decreased. No hazard. | |
| R76 R77 | Open | Normal operation. | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|-------------|-------|--|--------------------|
| R78~R80 | Open | Normal operation. | |
| SS11 | Open | No hazard. | 0V |
| | Short | F11 opened. No hazard. | 0V |
| SS51 | Open | No hazard. | 0V |
| | Short | F11 opened. No hazard. | 0V |
| T11 | Open | F11 opened. No hazard. | 0V |
| ⑤-⑥ | Short | F11 opened. No hazard. | 0V |
| T11 | Open | No hazard. | 0V |
| ⑦-⑧ | Short | F11 opened. No hazard. | 0V |
| T11 | Open | No hazard. | 0V |
| ②-④ | Short | F11 opened. No hazard. | 0V |
| T11 ⑨-⑩ | Open | Output voltage decreased. No hazard. | |
| | Short | F11 opened. No hazard. | 0V |
| T11 ⑪-⑫ | Open | Output voltage decreased. No hazard. | |
| T11 ⑩, ⑪ | Open | AVR2 Output voltage decreased. No hazard. | |
| TH11 | Open | No hazard. | 0V |

ABNORMAL TEST RESULT

| Component | Mode | Comment | | Output Voltage (V) |
|-----------|-------|------------------------|------------------------|--------------------|
| TR11 | Open | G | No hazard. | 0V |
| | Short | G-D | F11 opened. No hazard. | 0V |
| TR11 | Open | D | No hazard. | 0V |
| | Short | D-S | F11 opened. No hazard. | 0V |
| TR11 | Open | S | No hazard. | 0V |
| | Short | S-G | No hazard. | 0V |
| TR12 | Open | c | F11 opened. No hazard. | 0V |
| | Short | e-b | F11 opened. No hazard. | 0V |
| TR12 | Open | e | F11 opened. No hazard. | 0V |
| | Short | c-e | No hazard. | 0V |
| TR12 | Open | b | F11 opened. No hazard. | 0V |
| | Short | b-c | No hazard. | 0V |
| ZD11 | Open | Normal operation. | | |
| | Short | Normal operation. | | |
| ZD12 | Open | Normal operation. | | |
| | Short | No hazard. | | 0V |
| ZD13 | Open | Normal operation. | | |
| | Short | No hazard. | | 0V |
| ZD51 | Open | Normal operation. | | |
| | Short | No hazard. | | 0V |
| ZD71 | Open | Normal operation. | | |
| | Short | F11 opened. No hazard. | | 0V |