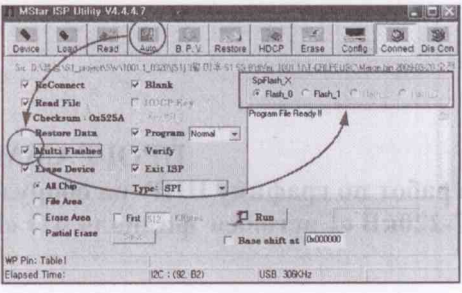


4-1-2. No Power

Symptom	<ul style="list-style-type: none"> - The LEDs on the front panel do not work when connecting the power cord. - The SMPS relay does not work when connecting the power cord. - The units appears to be dead.
Major checkpoints	<p>The IP relay or the LEDs on the front panel does not work when connecting the power cord if the cables are improperly connected or the Main Board or SMPS is not functioning. In this case, check the following:</p> <ul style="list-style-type: none"> - Check the internal cable connection status inside the unit. - Check the fuses of each part. - Check the output voltage of SMPS. - Replace the Main Board.
<p>IC 2005 => 8,18V IS003 5V -> IC2001 => 3,3V 1,25V -> IC2501</p> <p>Diagnosics</p> <p>Правильно отражается на резисторе LVDS 1.5 нматри T-con</p>	 <pre> graph TD Q1[Lamp(Backlight) Off, power indicator LED on?] -- No --> A1[Change the power cable or IP board] Q1 -- Yes --> Q2[Does proper DC A5V_PW and A13V_PW at CN2001? A5V: pin # 9, 10, 15 A13V: pin #6, 7, 13] Q2 -- No --> A2[Change the IP Board] Q2 -- Yes --> Q3[Does proper main B13V_PW, B5V_PW appear at IC1022? B13V: pin # 5, 6 B5V: pine # 7, 8] Q3 -- No --> A3[Change the Main Board] Q3 -- Yes --> Q4[Does proper A3.3V_PW appear at C2067?] Q4 -- No --> A3 Q4 -- Yes --> Q5[Does proper B3.3V_PW, A1.9V_PW, A1.25V_PW, A3.3V_PW appear? B3.3V : IC2001 pin #2 A1.9V : IC2004 pin#2 A1.25V: C2105] Q5 -- No --> A3 Q5 -- Yes --> Q6[Does proper PANEL_VCC_PW appear at LVDS connector Pin #1~5 of T-con b'd?] Q6 -- No --> A4[Change the LVDS cable.] Q6 -- Yes --> Q7[Does proper DC B12V appear at F1 of T-con board?] Q7 -- No --> A5[Change the T-con b'd] Q7 -- Yes --> Q8[A power is supplied to set?] Q8 -- No --> A6[Check a other function (No picture part) Replace a LCD Panel] </pre>
Caution	<p>Make sure to disconnect the power before working on the IP board.</p>

320AP03C2LV0.2

M2933K0A0X3B

042887

TPS65160A

320AP03C2LV0.2

1-9 94V-0

0943. 174-A

3200AP03C2LV0.1

↓

VIN	12,9V		12,93V
VDD-3,3	= 3,21V	-?	3,22V
VR	8,78V		8,77V
VOFFE	-9,91V		-9,9V
TI	3,19V		3,19V
ADD_I	14,59V		14,59V
AVDD	14,59V		14,6V
VSS	-7,44V		-7,45V
VDD	3,22V		3,22V
VCC-3,3	3,22V		3,20V
VCC	3,22V		3,21V
VON	27,4V		27,0V
VCC2	3,3V		3,21V
CVO	8,77V		8,76V

LE 32B 350 - TAN

LE 32B 350 F1W XCS

LE 32B 350 F1W

↑ mofers

↑
Kof

~~Иже 24.~~
~~Наубакар~~
~~Амаклар~~

21/01/2014 13:20

ЗАМЕРЫ на T-con : ~~V0.2~~
~~V2.0~~

на V0.1
 на V1.0
 те же напряжения!

VCOMG1 - 5,5v	6,4
VCOMS2 - 6,5v	6,4
VCMA8 - 9,2v	9,0
VCMA6 - 9,8v	9,9v
VCMA4 - 10,9v	11v
VCMA2 - 14,1v	14,1v
VL5P - 1,3v	1,2v
VL4P - 1,3v	1,3v
VL3P - 1,3v	1,3v
VL2P - 1,2v	1,2v
VL1P - 1,3v	1,3v
VL0P - 1,3v	1,3v
REV - 1,6v	1,6v
WGMA18 - 0,12v	0,1v
WGMA16 - 3v	3v
WGMA14 - 4,2v	4,2v
WGMA12 - 4,8v	4,8v
WGMA10 - 6v	6,0v
VCOMG2 - 6,5v	6,4v
VCOMS4 - 6,5v	6,4v
VCOMS1 - 6,5v	6,4v
VCST1 - 6,5v	6,4v
WGMA9 - 8,4v	8,5v
WGMA7 - 9,7v	9,7v
WGMA5 - 10,3v	10,3v
WGMA1 - 14,4v	14,4v
VCST2 - 6,5v	6,5v
VL5N - 1,1v	1,1v
VL4N - 1,1v	1,1v
VL3N - 1,1v	1,1v
CLKN - 1,2v	1,2v
VL2N - 1,1v	1,1v
VL1N - 1,1v	1,1v
VL0N - 1,1v	1,1v
TP - 1,1v	0,2v
WGMA17 - 0,4v	0,4v
WGMA15 - 3,6v	3,5v
WGMA13 - 4,6v	4,6v
WGMA11 - 5,5v	5,5v
WGMA3 - 11,5	6,4v
VCOMS3 - 6,5v	3,21v
VDD - 3,2v	

WGMA3 = 11,5v

ЭТОТ КОНТАКТ
 НАХ-СЯ НАХ

ЕЩЕ

- разница

ЭТОТ КОНТАКТ НАХ-СЯ

6,4v
 3,21v