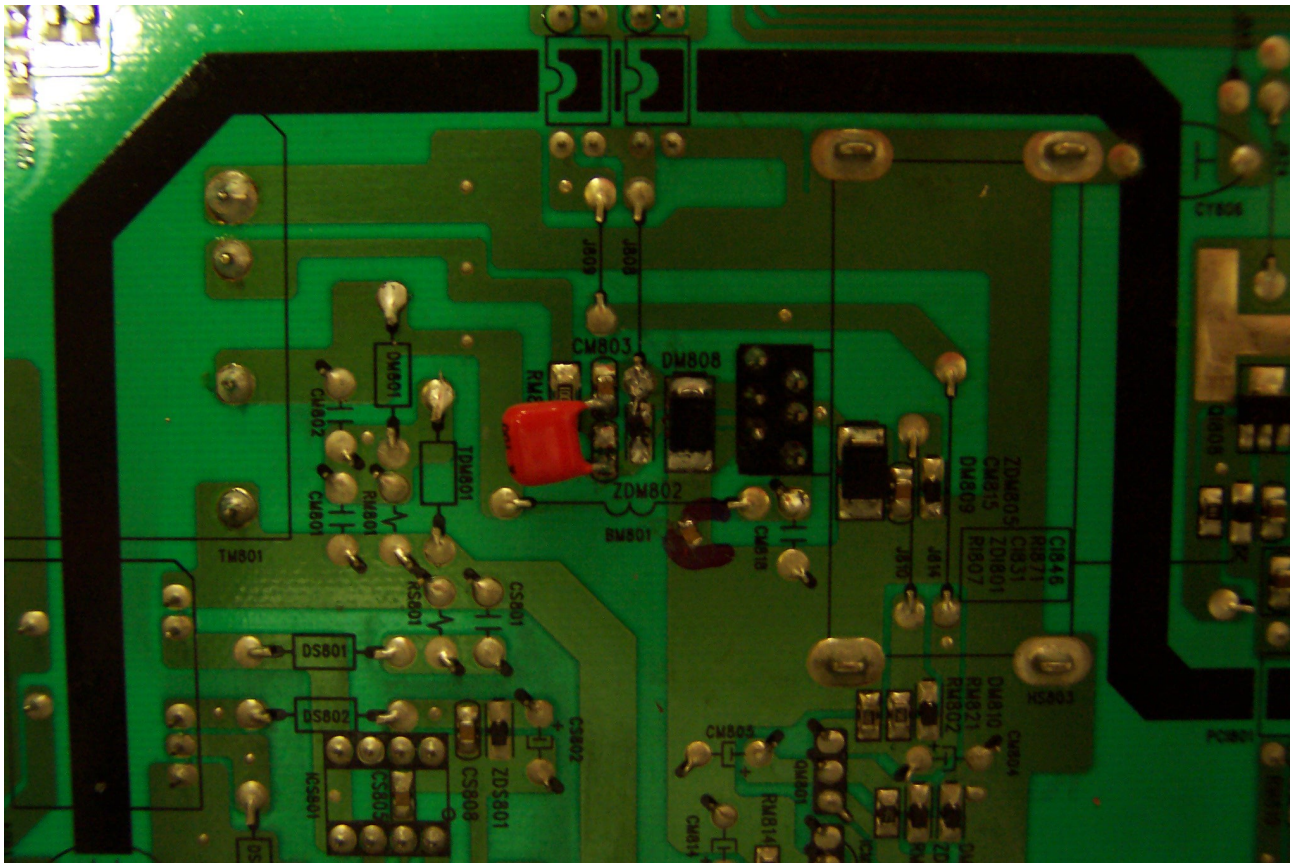
FUENTE SAMSUNG BN44-00134A

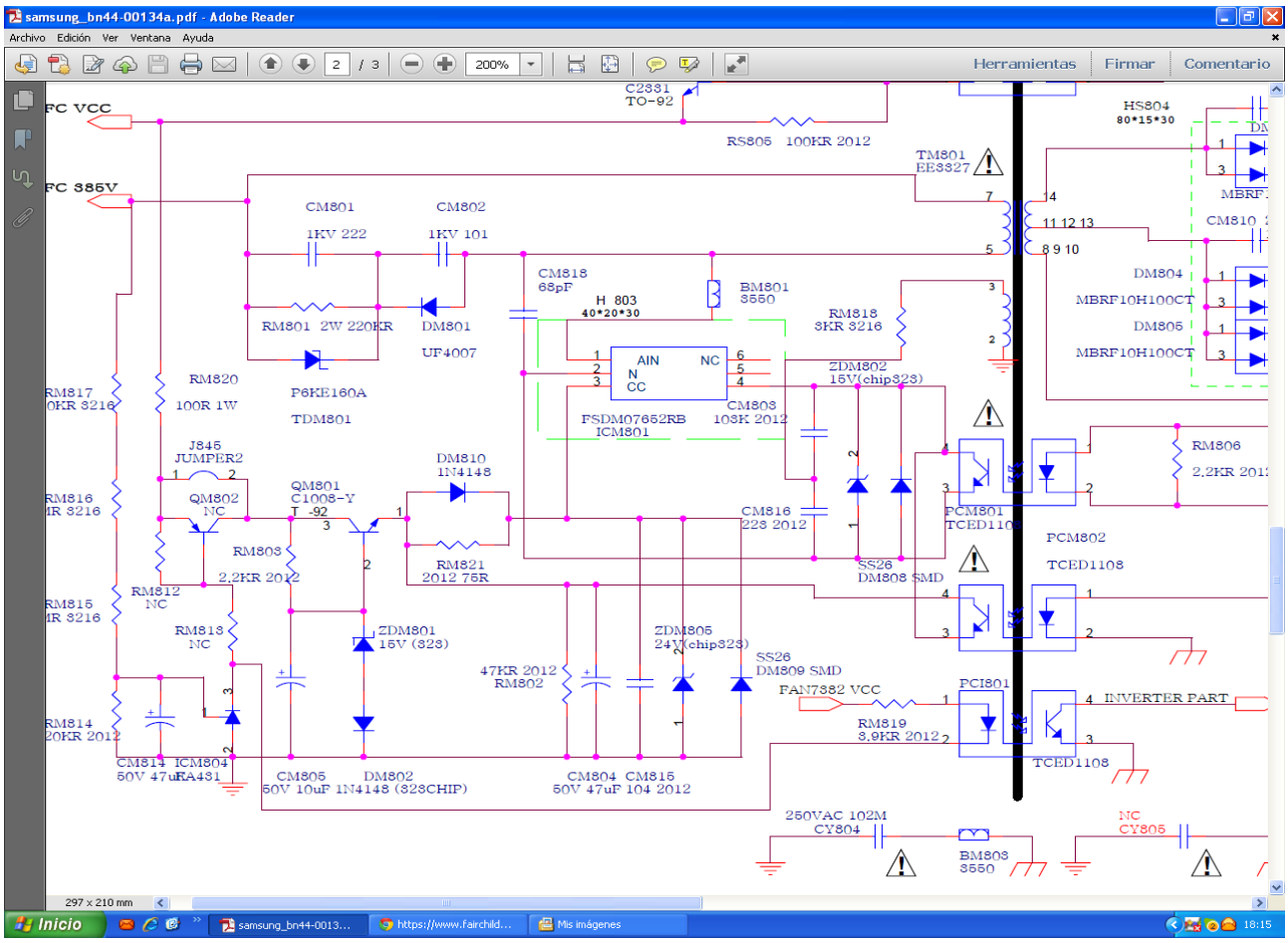
SÍNTOMA

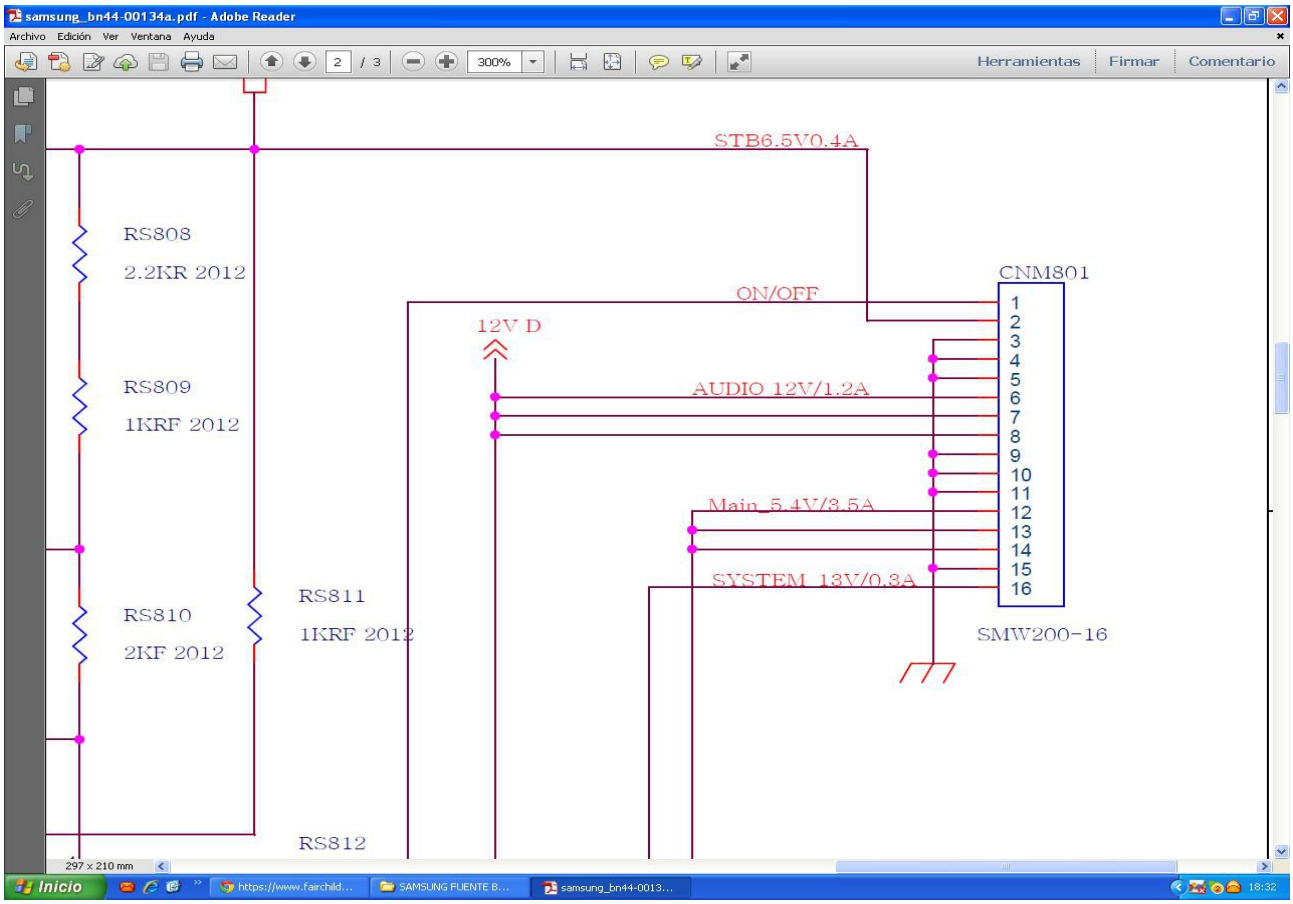
EL APARATO SE QUEDA EN STANDBY CON EL LED PARPADEANDO

REPARACIÓN

LA FUENTE DA LA TENSIÓN DE STANSBY CORRECTAMENTE,PERO AL PULSAR POWER LAS ALIMENTACIONES CONMUTADAS COMO SYSTEM 13 Y AUDIO 12V NO SALEN.
PRIMERO PIENSO EN EL ICM801 FSDM07672RB QUE PUEDA ESTAR MAL YA QUE ES EL REGULADOR DE LAS TENSIONES CONMUTADAS.LO CAMBIO Y SIGUE IGUAL.
TRAS VARIAS COMPROBACIONES DESCUBRO QUE APLICANDO SPRAY DE FRIO SOBRE LA ZONA DEL INTEGRADO FUNCIONA.
AL FINAL DESCUBRO LA CAUSA EN EL CONDENSADOR CM816 DE 22nF SMD.LE PONGO UNO NORMAL COMO MUESTRO EN LA FOTO Y YA FUNCIONA BIEN




samsung_bn44-00134a.pdf - Adobe Reader
Archivo Edición Ver Ventana Ayuda
Herramientas Firmar Comentario
FC VCC
FC 385V
C2331
TO-92
RS805 100KR 2012
TM801
EE3327
HS804
80*15*30
CM801
1KV 222
CM802
1KV 101
RM801 2W 220KR
DM801
UF4007
CM818
68pF
H 803
40*20*30
BM801
3550
RM818
3KR 3216
DM804
MBRF10H100CT
DM805
MBRF10H100CT
CM810
RM820
100R 1W
P6KE160A
TDM801
AIN
N
CC
NC
FSDM07652RB
ICM801
CM803
103K 2012
ZDM802
15V(chip323)
J845
JUMPER2
QM801
C1008-Y
T -92
QM802
NC
DM810
1N4148
RM821
2012 75R
RM803
2.2KR 2012
RM812
NC
RM813
NC
ZDM801
15V (323)
CM816
223 2012
PCM801
TCED1108
PCM802
TCED1108
SS26
DM808 SMD
RM806
2.2KR 2012
ZDM805
24V(chip323)
SS26
DM809 SMD
47KR 2012
RM802
FAN7382 VCC
PCI801
INVERTER PART
RM819
3.9KR 2012
TCED1108
RM814
20KR 2012
CM814 ICM804
50V 47uF RA431
CM805 DM802
50V 10uF 1N4148 (323CHIP)
CM804 CM815
50V 47uF 104 2012
250VAC 102M
CY804
BM803
3550
NC
CY805
297 x 210 mm
Inicio
samsung_bn44-0013...
https://www.fairchild...
Mis imágenes
18:15


samsung_bn44-00134a.pdf - Adobe Reader
Archivo Edición Ver Ventana Ayuda
Herramientas Firmar Comentario
STB6.5V0.4A
RS808
2.2KR 2012
ON/OFF
CNM801
12V D
RS809
1KRF 2012
AUDIO 12V/1.2A
Main_5.4V/3.5A
SYSTEM_13V/0.3A
RS810
2KF 2012
RS811
1KRF 2012
SMW200-16
RS812
297 x 210 mm
Inicio
https://www.fairchild...
SAMSUNG FUENTE B...
samsung_bn44-0013...
18:32

https://www.fairchildsemi.com/ds/FS/FSDM07652RB.pdf

Pin Number	Pin Name	Pin Function Description
1	Drain	This pin is the high voltage power Sense FET drain. It is designed to drive the transformer directly.
2	GND	This pin is the control ground and the Sense FET source.
3	Vcc	This pin is the positive supply voltage input. During start up, the power is supplied by an internal high voltage current source that is connected to the Vstr pin. When Vcc reaches 12V, the internal high voltage current source is disabled and the power is supplied from the auxiliary transformer winding.
4	Vfb	This pin is internally connected to the inverting input of the PWM comparator. The collector of an opto-coupler is typically tied to this pin. For stable operation, a capacitor should be placed between this pin and GND. If the voltage of this pin reaches 6.0V, the over load protection is activated resulting in shutdown of the FPS™.
5	N.C	-
6	Vstr	This pin is connected directly to the high voltage DC link. At startup, the internal high voltage current source supplies internal bias and charges the external capacitor that is connected to the Vcc pin. Once Vcc reaches 12V, the internal current source is disabled.

Pin Configuration

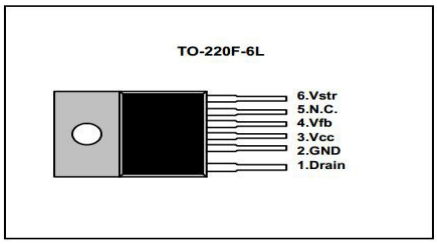
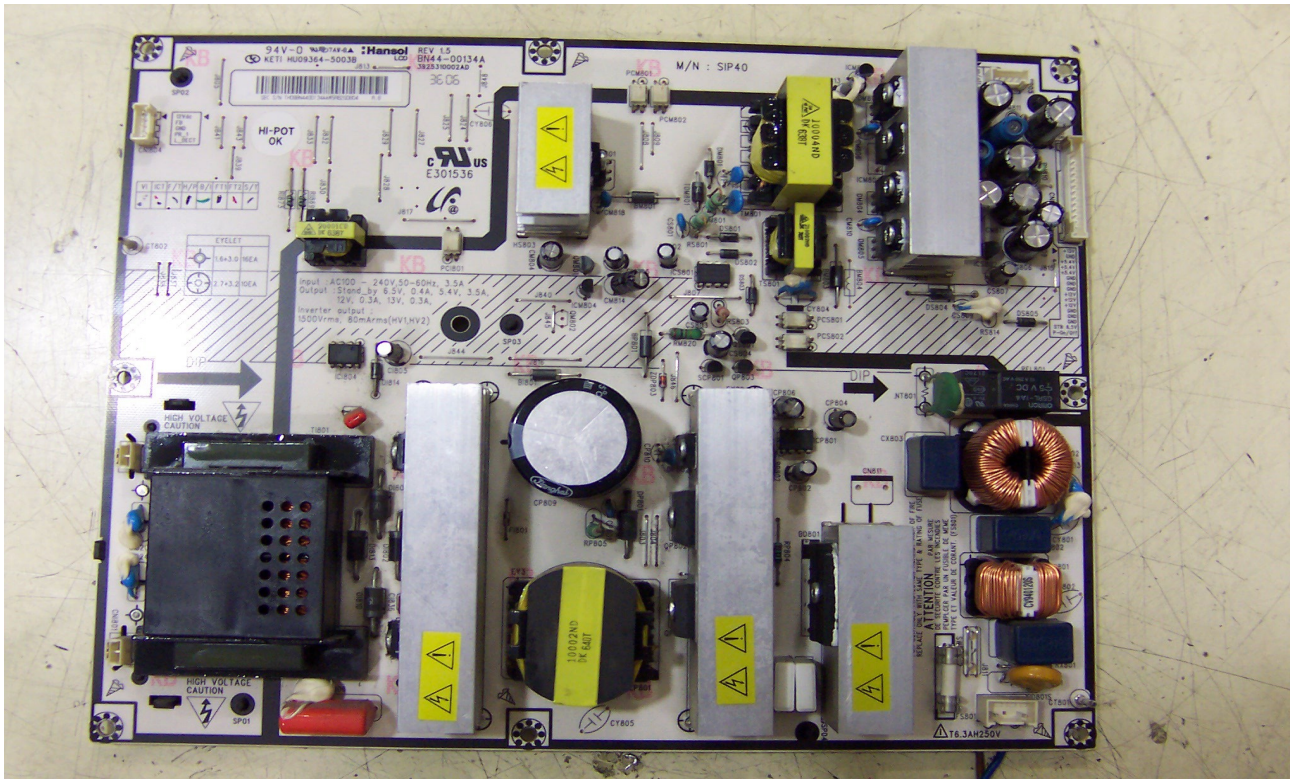


Figure 3. Pin Configuration (Top View)



VIDEOSON
JOSÉ DANIEL MANZANO RUIZ