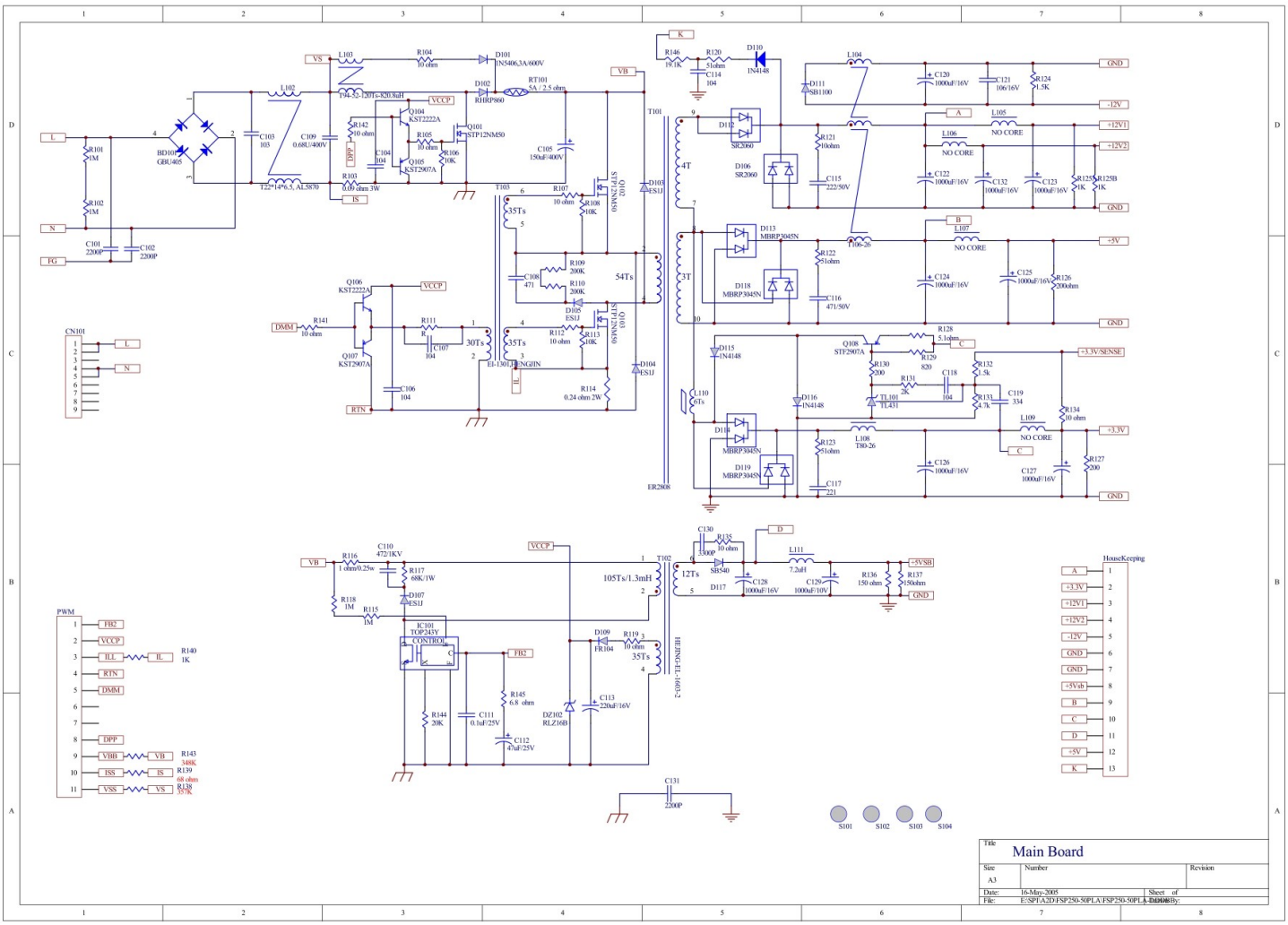
L
N
FG
R101 1M
R102 1M
BD101 GBU405
C101 2200P
C102 2200P
C103 103
L102
T22*14*6.5, AL5870
C109 0.68U/400V
VS
L103
R104 10 ohm
D101 1N5406,3A/600V
D102 RHRP860
RT101 5A / 2.5 ohm
VB
VCCP
Q104 KST2222A
Q105 KST2907A
Q101 STP12NM50
R142 10 ohm
R105 10 ohm
R106 10K
C104 104
DPP
R103 0.09 ohm 3W
IS
C105 150uF/400V
T101
T103
R107 10 ohm
R108 10K
Q102 SSP12N60A
D103 ES1J
35Ts
54Ts
C108 471
R109 200K
R110 200K
D105 ES1J
Q103 STP12NM50
R112 10 ohm
R113 10K
30Ts
35Ts
EI-1301T12NGFIN
D104 ES1J
R114 0.24 ohm 2W
Q106 KST2222A
Q107 KST2907A
DMM
R141 10 ohm
R111
C107 104
C106 104
RTN
CN101
R146 10.0K
R120 51ohm
C114 104
D110 IN4148
4T
3T
ER2808
D112 SR2060
D106 SR2060
C115 222/50V
R121 10ohm
D113 MBRP3045N
D118 MBRP3045N
C116 471/50V
R122 51ohm
D111 SB1100
L104
C120 1000uF/16V
C121 106/16V
R124 1.5K
GND
-12V
+12V1
+12V2
+5V
+3.3V/SENSE
L105 NO CORE
L106 NO CORE
L107 NO CORE
T106-26
C122 1000uF/16V
C132 1000uF/16V
C123 1000uF/16V
R125 1K
R125B 1K
C124 1000uF/16V
C125 1000uF/16V
R126 300ohm
R128 5.1ohm
Q108 STP2907A
R129 820
R130 200
R131 2K
C118 104
R132 1.5k
R133 4.7k
C119 334
R134 10 ohm
L109 NO CORE
C127 1000uF/16V
R127 200
D115 IN4148
D116 IN4148
TL101 TL431
L110 6Ts
D108 MBRP3045N
D119 MBRP3045N
L108 T80-26
R123 51ohm
C126 1000uF/16V
C117 221
A
B
C
D
C130 3300P
R135 10 ohm
L111 7.2uH
SB540
D117
C128 1000uF/16V
C129 1000uF/10V
R136 150 ohm
R137 150ohm
+5VSB
T102
105Ts/1.3mH
12Ts
HEJING-EL-1603-2
VCCP
VB
R116 1 ohm/0.25w
C110 472/1KV
R117 68K/1W
D107 ES1J
R118 1M
R115 1M
IC101 TOP243Y CONTROL
FB2
D109 FR104
R119 10 ohm
R144 20K
C111 0.1uF/25V
C112 47uF/25V
R145 6.8 ohm
DZ102 RLZ16B
C113 220uF/16V
C131 2200P
S101
S102
S103
S104
PWM
FB2
VCCP
IL
RTN
DMM
DPP
VBB
ISS
VSS
R140 1K
R143 348K
R139 68 ohm
R138 37K
HouseKeeping
+3.3V
+12V1
+12V2
-12V
GND
+5Vsb
+5V
Title
Main Board
Size
A3
Number
Revision
Date: 16-May-2005
Sheet of
File: E:\SPTA2D\FSP250-50PLA\FSP250-50PLA-DDD.SCH
By: