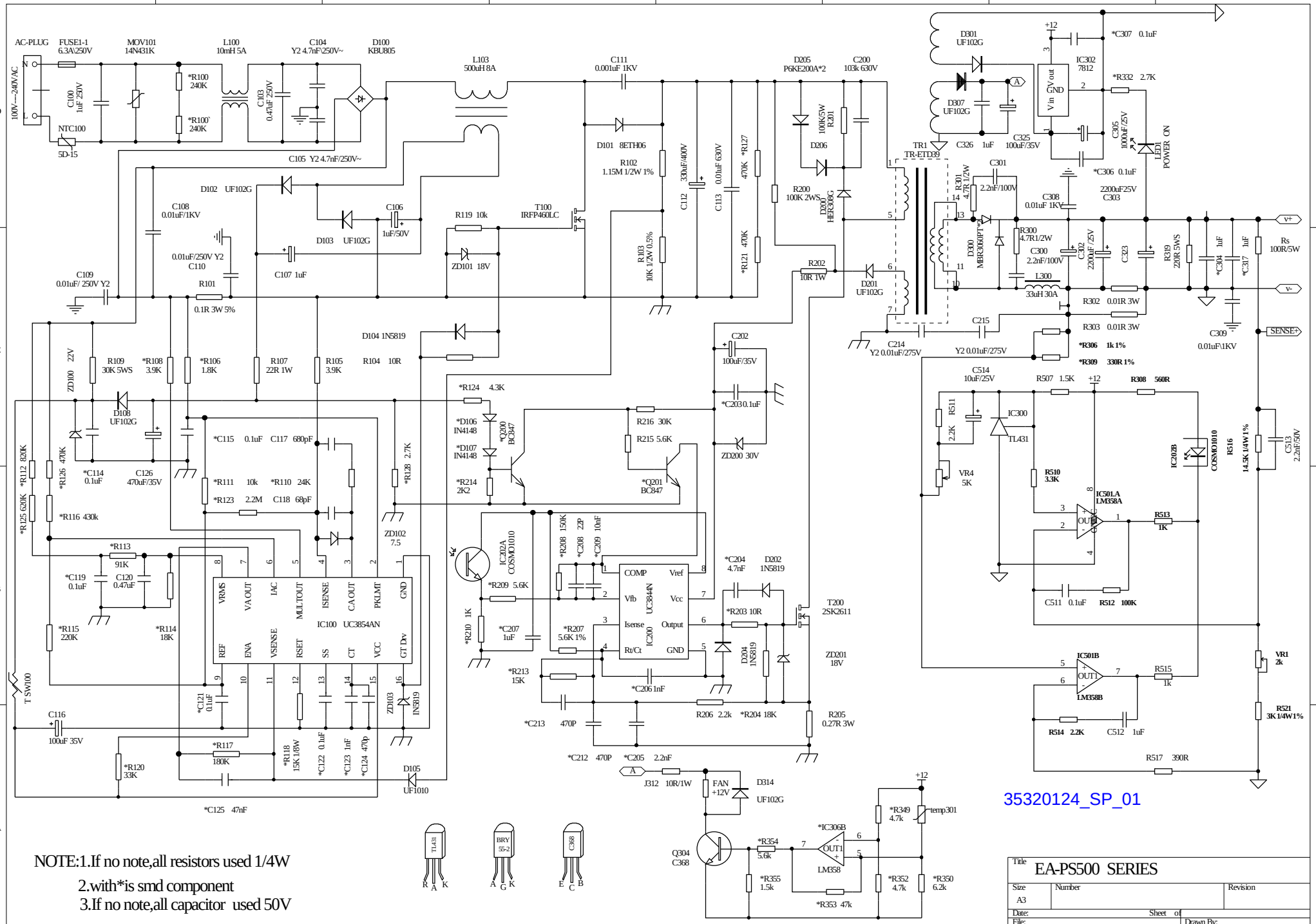
AC-PLUG
FUSE1-1 6.3A\250V
MOV101 14N431K
L100 10mH 5A
C104 Y2 4.7nF\250V~
D100 KBU805
L103 500uH 8A
C111 0.001uF 1KV
D205 P6KE200A*2
C200 103k 630V
D301 UF102G
D307 UF102G
IC302 7812
*C307 0.1uF
*R332 2.7K
C325 100uF/35V
C305 1000uF/25V
LED1 POWER ON
TR1 TR-ETD39
C326 1uF
C301 2.2nF/100V
C308 0.01uF 1KV
2200uF25V C303
*C306 0.1uF
D300 MBR3060PT*2
R300 4.7R1/2W
C300 2.2nF/100V
L300 33uH 30A
C302 2200uF/25V
C323
R319 220R 5WS
*C304 1uF
*C317 1uF
Rs 100R/5W
V+
V-
SENSE+
C309 0.01uF\1KV
R302 0.01R 3W
R303 0.01R 3W
*R306 1k 1%
*R309 330R 1%
C214 Y2 0.01uF/275V
C215 Y2 0.01uF/275V
D201 UF102G
R202 10R 1W
R102 1.15M 1/2W 1%
D101 8ETH06
R103 10K 1/2W 0.5%
330uF/400V C112
0.01uF 630V C113
*R127 470K
*R121 470K
R200 100K 2WS
D200 HER308G
D206
100K/5W R201
T100 IRFP460LC
R119 10k
ZD101 18V
D102 UF102G
D103 UF102G
C106 1uF/50V
C107 1uF
C108 0.01uF/1KV
0.01uF/250V Y2 C110
C109 0.01uF/ 250V Y2
R101 0.1R 3W 5%
C105 Y2 4.7nF/250V~
NTC100 5D-15
C100 1uF 250V
*R100 240K
*R100` 240K
C103 0.47uF 250V
AC 100V—240VAC
N
L
D104 1N5819
R104 10R
R105 3.9K
R107 22R 1W
*R106 1.8K
*R108 3.9K
R109 30K 5WS
ZD100 22V
D108 UF102G
*C114 0.1uF
C126 470uF/35V
*R112 820K
*R126 470K
*R125 620K
*R116 430k
*C115 0.1uF
C117 680pF
*R111 10k
*R110 24K
*R123 2.2M
C118 68pF
*R128 2.7K
ZD102 7.5
*R113 91K
*C119 0.1uF
C120 0.47uF
*R115 220K
*R114 18K
IC100 UC3854AN
VRMS
VA OUT
IAC
MULTOUT
ISENSE
CA OUT
PKLMT
GND
REF
ENA
VSENSE
RSET
SS
CT
VCC
GT Drv
T 5W100
*C121 0.1uF
C116 100uF 35V
*R120 33K
*R117 180K
*R118 15K 1/8W
*C122 0.1uF
*C123 1nF
*C124 470p
ZD103 IN5819
D105 UF1010
*C125 47nF
*R124 4.3K
*D106 IN4148
*D107 IN4148
*Q200 BC847
*R214 2K2
R216 30K
R215 5.6K
*Q201 BC847
C202 100uF/35V
*C203 0.1uF
ZD200 30V
IC202A COSMO1010
*R209 5.6K
*R208 150K
*C208 22P
*C209 10nF
*R207 5.6K 1%
*C207 1uF
*R210 1K
*C206 1nF
*R213 15K
IC200 UC3844N
COMP
Vfb
Isense
Rt/Ct
Vref
Vcc
Output
GND
*C204 4.7nF
D202 1N5819
*R203 10R
T200 2SK2611
D204 1N5819
ZD201 18V
R206 2.2k
*R204 18K
R205 0.27R 3W
*C213 470P
*C212 470P
*C205 2.2nF
J312 10R/1W
FAN +12V
D314 UF102G
Q304 C368
*R354 5.6k
*IC306B
OUT1
LM358
*R355 1.5k
*R353 47k
*R352 4.7k
*R350 6.2k
*R349 4.7k
temp301
+12
C514 10uF/25V
R507 1.5K
R308 560R
R511 2.2K
IC300 TL431
VR4 5K
R510 3.3K
IC202B COSMO1010
R516 14.5K 1/4W 1%
C513 2.2nF/50V
IC501A LM358A
R513 1K
C511 0.1uF
R512 100K
IC501B LM358B
R515 1k
R514 2.2K
C512 1uF
R517 390R
VR1 2k
R521 3K 1/4W 1%
TL431
BRY 55-2
C368
R A K
A G K
E C B
35320124_SP_01
NOTE:1.If no note,all resistors used 1/4W
2.with*is smd component
3.If no note,all capacitor used 50V
Title
EA-PS500 SERIES
Size
A3
Number
Revision
Date:
Sheet of
File:
Drawn By: