PE
L N
CX101 CTX 0,33mF K300V~
P102 P101
R1 560k
L101 Ø10x8x6 10coil
CY102 JY222M 472 Y1 250 Y2
F1 4A 250V
Brown
SCK 2R58 TR1
L1 3PMLCOTC210001
C1 JY222M 472 Y1 250 Y2
C2 HQX 0,22mF K X2 250V~275V
L2 3PMLAUU3265003
D1 PBU805 LT205
W/ PFC (Power Factor Correction)
P3 P4
ZNR1,2 TVR 07241
~100-240V
N
PE
Blue
R3 330k
R4 330k
ZNR2
C3 680x 200V
C4 680x 200V Ø22x45
Ost IQ SPS 85°C
T3 3PMTCEEL 160003 CLASS130(B) DASH 2B-5
R48 390k
R47 390k
R46 47k
D21 1N4007
C32 472 1kV
Q10 02N60P
D25 PR1003
R55 3,3k
C38 47x50V
D26 SB50
R54 51
C36 100x 16V
L10
C37 470x 16V
D14 (7V 18mA)
R9 510E
T2 3PMTDEEL 160001 TVE 0227
T1 3PMTCERL350002 Class 130(B) DASH 2B-5 TVE 0230. (14x12x38H)
C5 222 250V
R5 47E
C6 222 1kV
Q9 KSP2222A
U4 PC817C
R50 200E
C33 222
R39 4,7k
D23 (18V)
R60 33E
R62 1,5E
R62A 1,5E
C25 101
R49 3,3k
C34 10x50V
D22 PR1003
R58 47k 1%
C39 472
R56 91E
R37 10E
R7 24k 1%
C7 103
D3 PR1003
D2 4148
R8 100E
Q1 KSP 2222A
D4 4148
Q2 KSP 2222A
D5 4148
C8 1x50V
D6 4148
D7 4148
D8 FR1003
R10 39E
R12 2,2E
Q3 2SC2625
D10 FR107
C9 2,2x50V
R13 1,8k
D9 FR1003
R11 39E
R14 2,2E
Q4 2SC2625
D11 FR107
C10 2,2x50V
R15 1,8k
U3 SG6105D
PS ON
"14"Green
R66 2k
R16 23k 1%
R17 2,04k 1%
R6 2,2k 1%
R30 75k 1%
C23 471
J19 100E
C26 473
D12 4148
R43 24k
C30 103
R35 56k 1%
C28 105
R29 18k 1%
R59 47k 1%
R42 9,1k 1%
R41 62k 1%
C42 104
R64 10k
VR1 102(1k)
CB 104
RB 24k
R40 2,4k 1%
R58,R59 = Yellow Violet Black Red Brown
R38 4,7k
+Sense (Red)
R44 15k
R45 82k
R65 33E
PG "8"Grey
R35 = Green Blue Black Red Brown
R29 = Brown Grey Black Red Brown
Yellow
CN3 "8"
CN3 "6" +12V
CN3 "5" +5V
CN3 "4" +3,3V
CN3 "2"
CN3 "11" -5V
CN3 "10" -12V
CN3 "7" +5VSB
"9" Violet
+12V "10"Yellow
-12V "12" Blue
-5V "18"White
+5V "4,6,19,20" Red
+3,3V "1,2,11" Orange
GND "3,5,7,13, 15,16,17" Black
CN3 "12"
TR3
CN3 "9"
R25 15E
D16
D17
Q6 U20C20 MOSPEC
HS2
D16,D17 PF1003
C22 105
L6
L9
CN3 "3"
R27
C24 1500x 16v
D19 PR1003
R61 1k
C16 470x 16v
R62 1k
D13
J13
R17 510E
C17 10x 50v
L8
U1 KA7905
IN ST OUT
D20 4148
J7A
Q11 SBL3040PT
L3
R18 10E
C11 222
D18 PF1003
Q11
J7
R24 4,7E
C19 103
Q5A
Q5 HS2
Q5,Q5A SBL3040PT
CN3 "1"
L7
C20 3300x 10v
C21 3300x 10v
R19 47E
R32 10E
J10
L4
L5
R23 4,7E
D27 PF1003
J6A
J6
L3A
C18 103
C12 222
R19 10E
C15 3300x 10v
C13 3300x 10v
R20 6,2E
J14
D28 PF1003
Q7 2SA1273
R33 1E
RA 0,5E
DB PR1003
DA PR1003
R34 1k
RC 33E
PS
P1
PH
P2
PA PI PB
PC PD PE
PG PF PJ
Pin №. Definition
1 3.3V (Orange)
2 3.3V (Orange)
3 GND (Black)
4 VCC (Red)
5 GND (Black)
6 VCC (Red)
7 GND (Black)
8 Power Good (Grey)
9 +5V SB (Violet) * Red
10 +12V (Yellow)
11 3.3V (Orange) * Green
12 -12V(Blue)
13 GND (Black) * Brown
14 PS_ON (Green) * Violet
15 GND (Black)
16 GND (Black)
17 GND (Black)
18 -5V (White)
19 VCC (Red)
20 VCC (Red)
Lock
Pin №. Definition
1 GND (Black)
2 GND (Black)
3 +12V (Yellow)
4 +12V (Yellow)
FB1
Vcc
VREF1
PSON
OPP
NVP
UVAC
RI
IN
SG6105D
OP1
OP2
FB2
VREF2
V12
V5
V3.3
GND
SS
COMP
P.G.
Noise Killer PCB IW-FAN1 Rev0 Godo GDP-002
OPP
RC 32k 1%
VR1
RE 82k 1%
R1 1,8k
R3 3,4k 1%
R10 180k 1%
IC1 LM358
R13 20k
D2 4148
R5 47k 1%
R21 75k
R14 20k
D1 4148
R4 100k 1%
R11 100k 1%
C3 1x50V
R6
D5 5V
C4 104
D4 6V
R12 10k
D6 4148
R9 24k 1%
RT2 10k
R7 59,1k 1%
C5 1x50V
Q1 2SC945
C2 2,2x50V
R16 4,7k
R15 10k
R18 68E
D7
Q2 2SB1116A
C1 47x50V
FM
FM0
CN1 FAN
FAN: TOP MOTOR DF1208BB DC12V 0,20A
DYNAEON Industrial CO.,LTD
KSP 2N2222A n-p-n
2SA1273 2SB1116A p-n-p
2SC945 n-p-n
2N60P
2SC2625
7905
B C E
C E
B E
C E
B E
G D S
B C E
Comm OUT IN
All ECap "RLC"
INWIN
Model: IW-ISP300A3-1 PowerMan
W/ PFC (Power Factor Correction)
POWER SUPPLY
Vladimir Davydov
AKA Older
SIZE 1
FSCM NO 1
DWG NO 1
Reverse Circuit 19.01.2004
REV
SCALE 1:1
Visio2002
SHEET 1 OF 1
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