XDPL8220-FF3-100W.SchDoc

PFC

FB_PRI & AUX_SUPPLY

FB_SEC

SEC_AUX POWER SUPPLY & 3 IN 1 DIMMING

Bleeder

Note (Components Designator):
a) 1 ~ 99 : Primary components (e.g. Q1, D5)
b) 101 ~ 199 : Secondary components (e.g. Q101, D103)

PCB

TEST POINTS

PFC_GD — GD_PFC
PFC_CS — CS_PFC
PFC_ZCD — ZCD_PFC
PFC_Drain — PFC-
HV_BUS — HV_BUS
FB_GD — GD_FB
FB_ZCD — ZCD_FB
FB_Drain — PRI*
FB_AUX — AUX_FB*
FB_CS — CS_FB
Vcc — Vcc
IC_GND — GND
GND — GND
UART — UART
DIMMING — PWM
TEMP — TEMP
AC_L — AC_L
AC_N — AC_N
SPD — SPD
SEC_MAIN* — SEC_MAIN*
SEC_GND — SEC_GND
SEC_LED+ — SEC_LED+
SEC_AUX — SEC_AUX
SEC_AUX_GND — SEC_AUX_GND

PROGRAM

X30 Program HTSW-103-07-G-S (Vcc, UART, GND; D51 3.3V)

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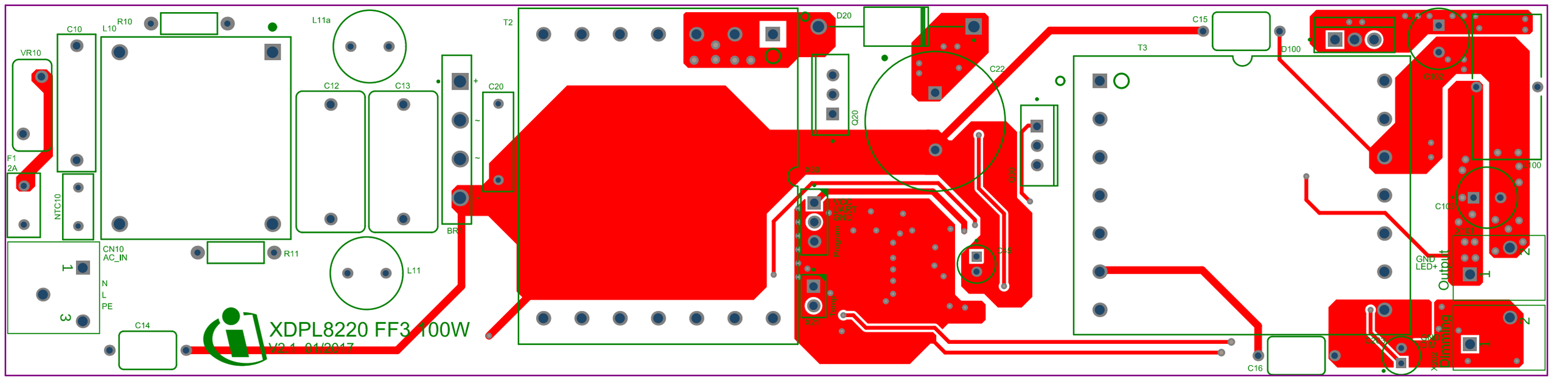

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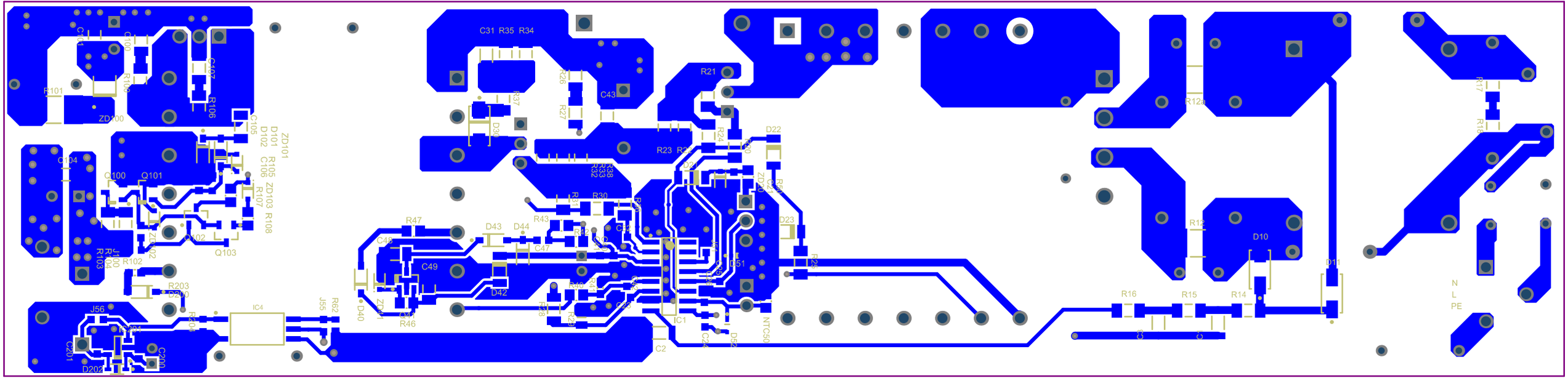
V2.1 01/2017



C31 R35 R34
R21
R26
R27
C43
R37
D30
R23 R22
R24
D22
R30
R31
R43
R47
D43
D44
C48
C47
C49
D42
D40
R46
R62
J55
IC4
R203
D200
J56
C201
D202
C200
R101
ZD100
C101
C100
R100
C107
R106
C105
D101
D102
ZD101
R105
C106
ZD103
R107
R108
C104
Q100
Q101
Q102
Q103
R103
R104
R102
ZD102
J100
R12a
R12
D10
D11
R16
R15
R14
R17
R18
N
L
PE
IC1
C2
C24
D52
NTC50
D51
D23
R25