XDPL8220-FF3-100W.SchDoc

PFC

FB_PRI & AUX_SUPPLY

FB_SEC

SEC_AUX POWER SUPPLY & 3 IN 1 DIMMING

Bleeder

TEST POINTS

PROGRAM

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

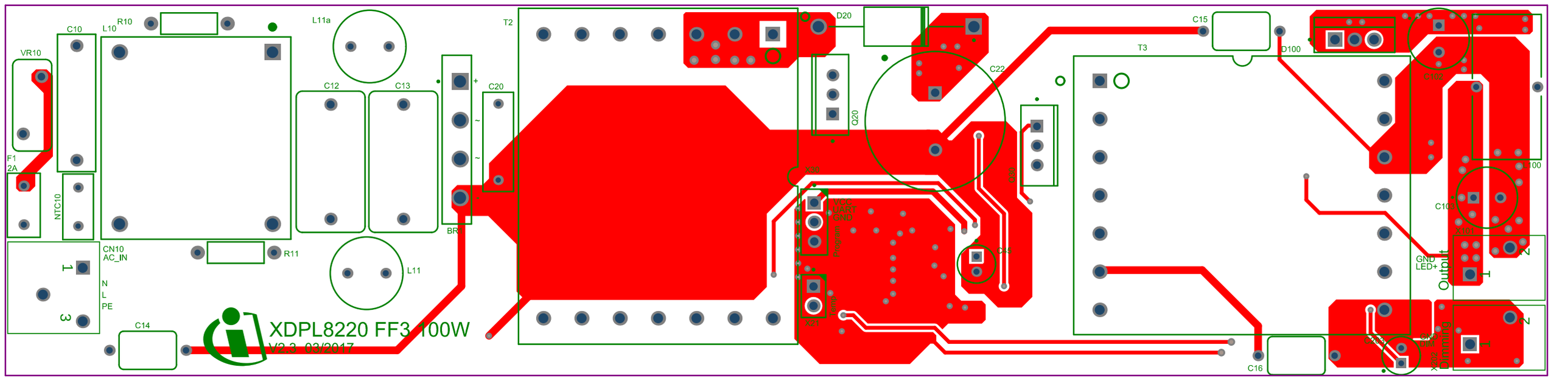
PCB

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

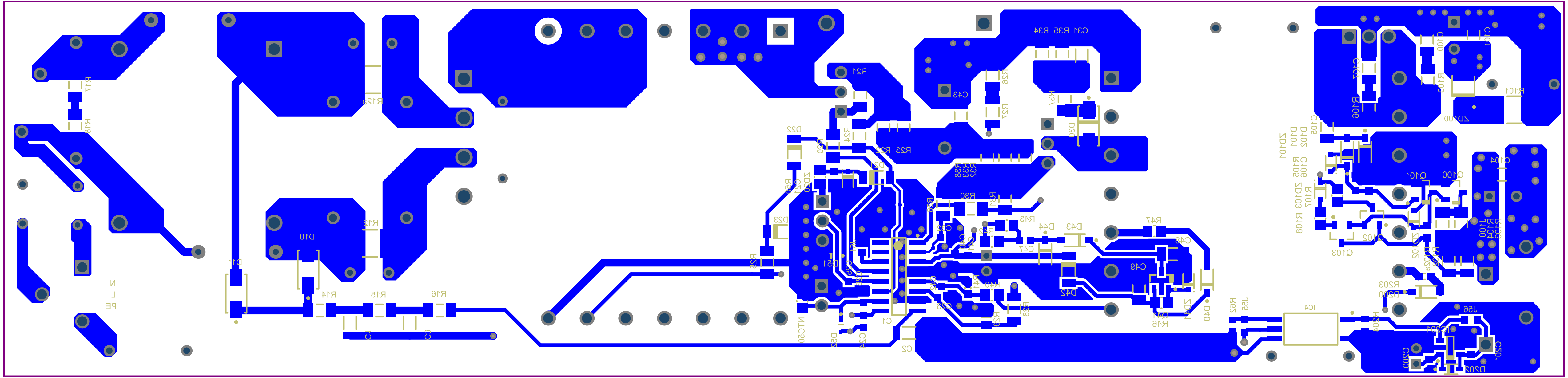
Infineon Technologies AG
PMM ACDC AE LI
Am Campeon 1-12 - 85579 Neubiberg - Germany

Title	XDPL8220 FF3 100W		
Variant	[No Variations]	Approved	<Appr.>
Size: A3	Document Name: XDPL8220-FF3-100W.SchDoc	Rel.: TJ	Rev.: V2.6
Author: TJ			
Date: 22.02.2018 Time: 13:05:44	SVN Revision: Unknown revision		

© Infineon Technologies AG 2014. All Rights Reserved.
Sheet of 1



XDPL8220 FF3 100W
VR10
C10
L10
R10
L11a
T2
D20
C15
T3
D100
C22
Q20
C12
C13
C20
F1
2A
NTC10
CN10
AC_IN
N
L
PE
R11
L11
C14
C16
GND
LED+
Output


R17
R18
R12a
R12
D10
D11
N
L
PE
R14
R15
R16
C2
C3
C31 R35 R34
R21
C43
R26
R27
R37
D30
D22
R24
R20
R23 R22
R32
R33
R38
D21
ZD50
C50
R50
R30
R31
R36
R43
D44
D43
R42
C47
C40
C41
C32
D23
R25
D51
C35
C36
R44
R40
D42
C42
C23
R28
R29
IC1
NTC50
D52
C24
C2
R47
C48
C49
Q41
R46
ZD41
D40
R62
J55
IC4
R204
R203
D200
J56
IC201
C200
C201
D202
C100
C101
C102
R106
R100
R101
ZD100
C105
D102
D101
ZD101
C106
R105
ZD103
R107
R108
Q101
Q100
C104
Q102
Q103
ZD102
R102a
R102
R103
R104
J100