

CAD_SNK
L = AUX snoop enabled
H = AUX snoop disabled
with all lanes active

Display port EQ

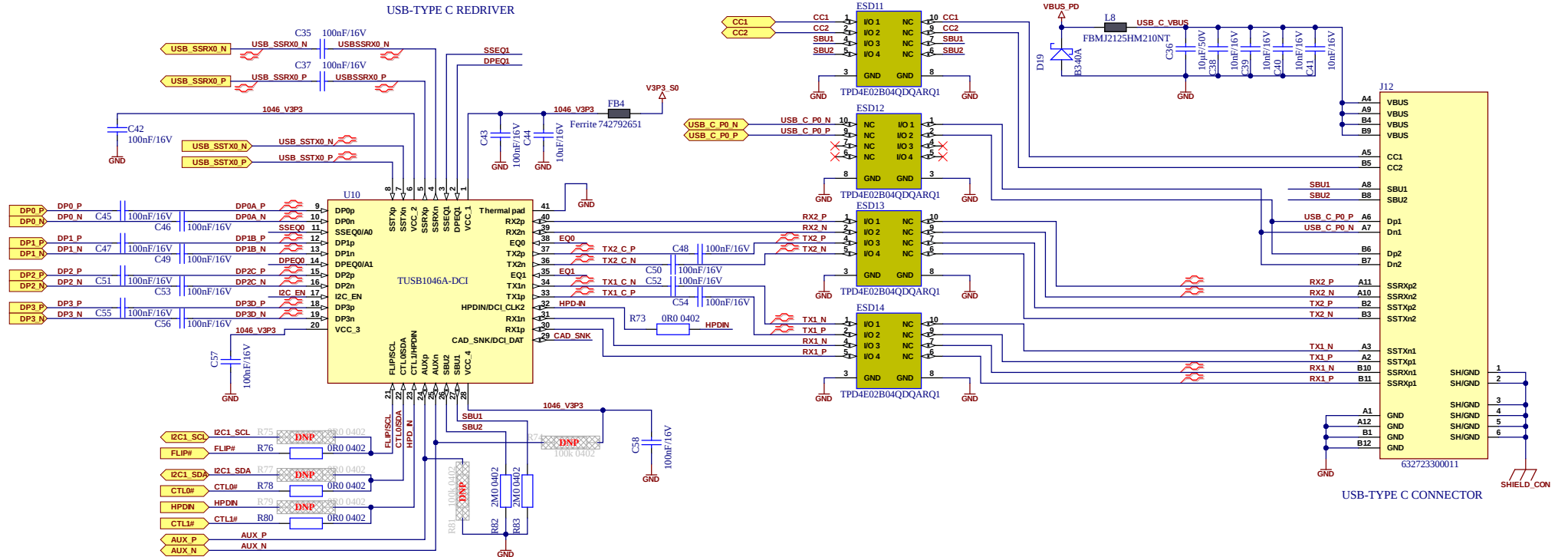
Upstream USB EQ

I2C_EN

Downstream USB EQ

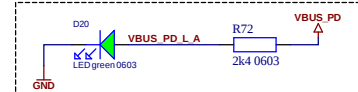
LEVEL	SETTINGS
0	Option 1: Tie 1 KΩ 5% to GND. Option 2: Tie directly to GND.
R	Tie 20 KΩ 5% to GND.
F	Float (leave pin open)
1	Option 1: Tie 1 KΩ 5% to V _{CC} . Option 2: Tie directly to V _{CC} .

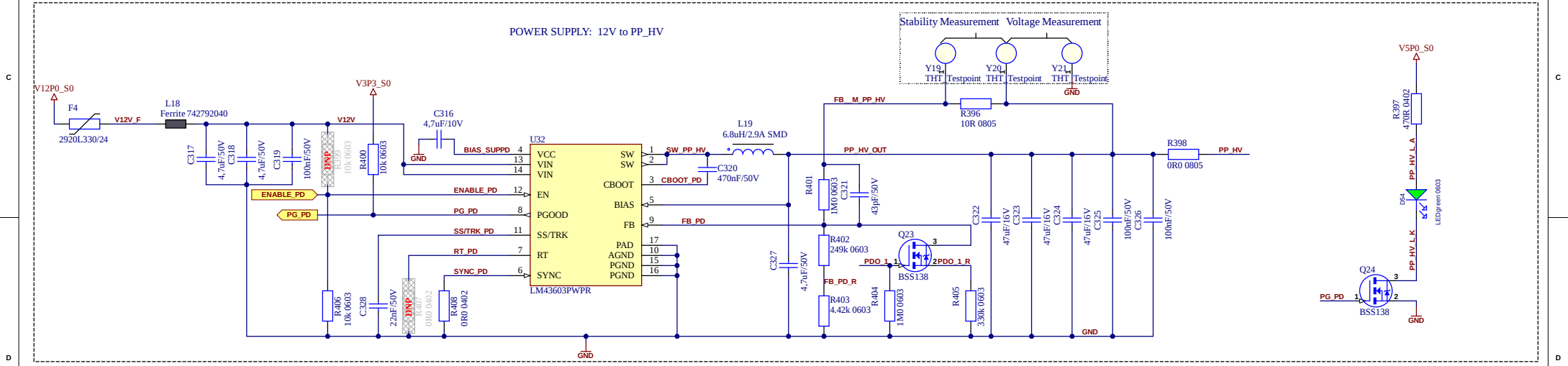
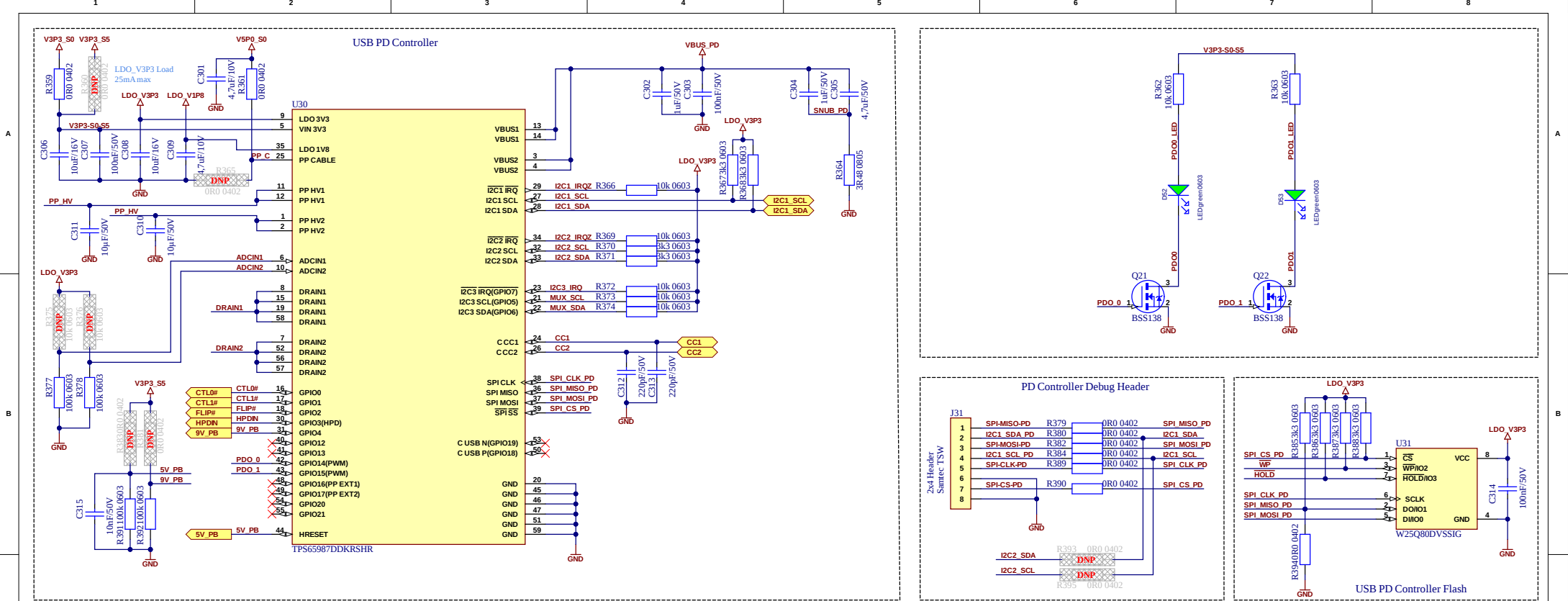
USB-TYPE C REDRIVER



REDRIVER CONFIG Control

CTL1 PIN	CTL0 PIN	FLIP PIN	USB1046-DCI CONFIGURATION
L	L	L	Power Down
L	L	H	Power Down
L	H	L	One Port USB 3.1+ - No Flip
L	H	H	One Port USB 3.1+ - With Flip
H	L	L	4 Lane DP - No Flip
H	L	H	4 Lane DP - With Flip
H	H	L	One Port USB 3.1+ + 2 Lane DP - No Flip
H	H	H	One Port USB 3.1+ + 2 Lane DP - With Flip





Part Name	Rev.	ThermoFisher SCIENTIFIC Dionex Softron GmbH Dornierstraße 4 82110 Germering	Sheet 20 of 21
Variant	001		
PCB Name	001		
PCB VSCplus Carrier Board VQ System Controller			
Sheet Name	Rev.	Responsible	Size
USB C-Display-Power	9036.0140		A3
File Name	SVN Revision	Date	Time
20-USB-C-Display-Power.SchDoc		29-05-2025	13:08:06