- **Electrical characteristics testing**

  Supply the kit with 5-24 V (typ. 12 V) and measure the voltage of VBB and VDD

ü **VBB**

Results (Pass/Fail)	Estimated Time	Items and Critical points	Comments
	<60s	0 0.7 V lower than Vsupply	Voltage drop on reverse polarity protection

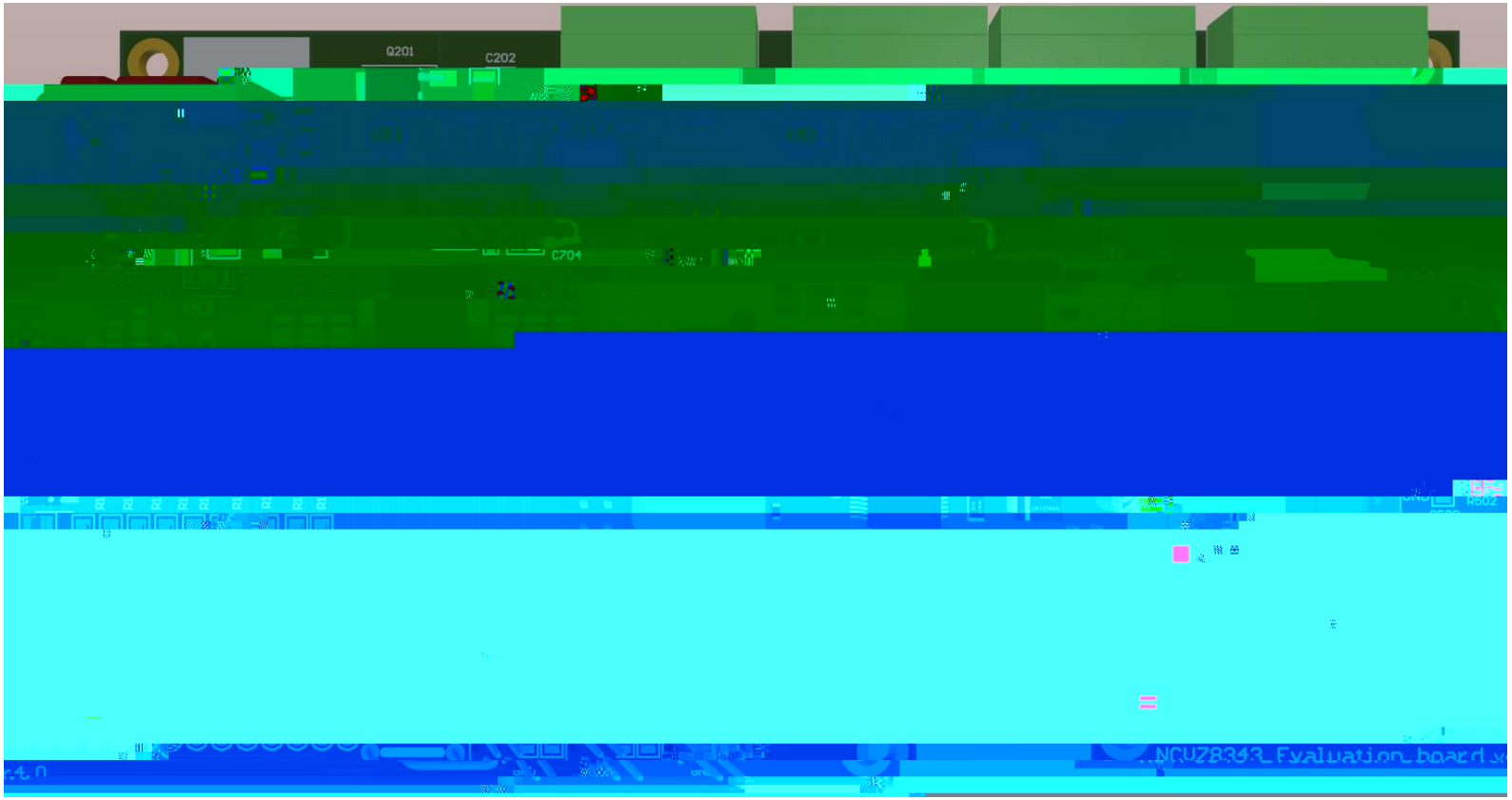

Figure 2. VBB nets

- **VDD**

- **Software characteristics testing**

ü

ü **Communication protocol**

Results (Pass/Fail)	Estimated Time	Items and Critical points	Comments
	>5min	Communication corresponds to transmitted commands.	

ppears in the Log window.

Command pattern:
set SER2PXNDATA=0e03550101
set SER2PXNDATA=AABBCCDDEE

AA the BREAK pulse length (number of Tbits)
BB number of bytes to be written
CC SYNC field of the communication protocol
DD PID1 field of the communication protocol
EE PID2 field of the communication protocol