

Title **TMCM-HBS-MREF PSU**

Size: **A4**

Revision: **V1.0**

default

Date: **15-Mar-21**

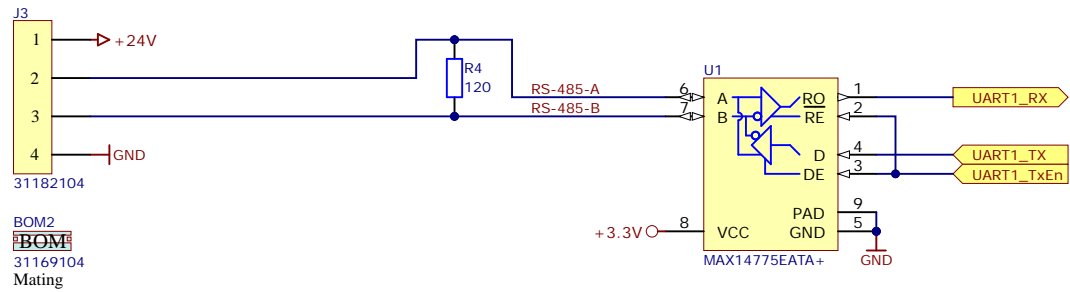
Time: **18:19:02**

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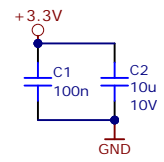
File: **MREF-PSU.SchDoc**




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31182104
BOM2
BOM1
31169104
Mating



1	2	3	4	
A	<div>Changelog:</div> <div>From V0.9 to V1.0:</div> <div><div>- Added Status (G), +3.3V (B) and +24V (R) LEDs</div><div>- Connected RE to DE line on RS485 transceiver</div><div>- Added mating connectors to the BOM</div><div>- Added connector pinout to the silkscreen</div></div> <div>From V0.9pre4 to V0.9:</div> <div><div>- Removed the conic bar feature from the top silkscreen</div><div>- Updated logo</div></div> <div>From V0.9pre3 to V0.9pre4:</div> <div><div>- Added a differential mode choke as an option to power the HBS</div></div> <div>From V0.9pre2 to V0.9pre3:</div> <div><div>- Renamed the project to TCMC-HBS-MREF</div><div>- Changed J2&J3 to Metz Typ 182, mating Typ 169</div><div>- Connected RS485 /RE to GND</div><div>- Removed temperature sensor</div><div>- Removed I2C resistors</div><div>- Replaced the programming connector with 1x5 pin header (GND/CLK/SDIO/+3.3V/RST)</div><div>- Added inductors L1a/L2a in partallel with L1/L2</div><div>- Do not populate L1/L2</div><div>- Changed 3.3V PSU to MAXM15065AMB+</div></div>			A
B				B
C				C
D				D
1	2	3	4	

Title TCMC-HBS-MREF LOG			<div></div> <div>TRINAMIC</div> <div>MOTION CONTROL</div>	<div>Waterloohain 5</div> <div>22769 Hamburg</div> <div>Germany</div> <div>tmc_info@trinamic.com</div>
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