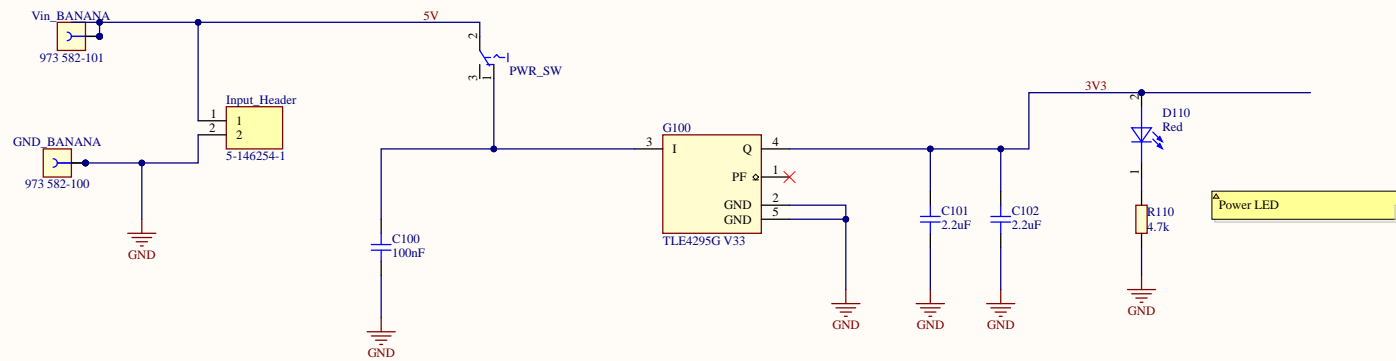

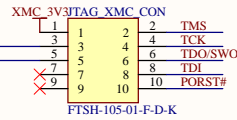


PowerSupply.SchDoc

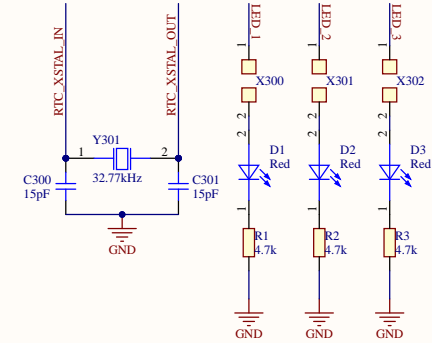
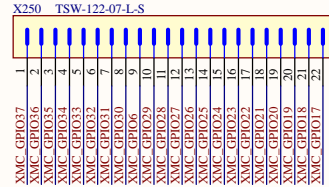
| | | | |
|---|--------------------|--|-----------------|
|  | | Infineon Technologies AG/TUM IFAG DES SDF SCS EPE Technical University of Munich | |
| Title MCU Radiation Testing Board | | | |
| Variant [No Variations] | | Approved <Appr.> | |
| Size: | Document Name | | Rel. Rev. |
| A3 | PowerSupply.SchDoc | | Youssef Yarkhan |
| Author: Youssef Yarkhan | | | |
| Date: 17.06.2022 Time: 21:55:15 | | SVN Revision: Not in version control | |
| | | Sheet 1 of 3 | |

XMC4504.SchDoc

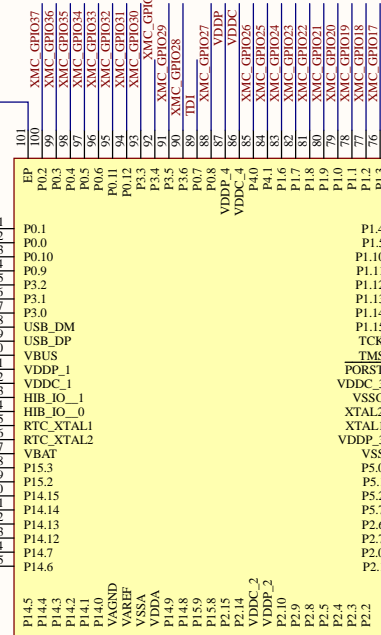
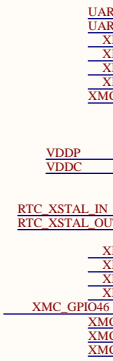
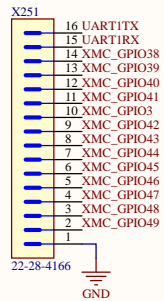
the XMC4505 has 6 Universal Serial Interface Channels that could be used for UART, double-SPI, quad-SPI, IIC, IIS and LIN interfaces

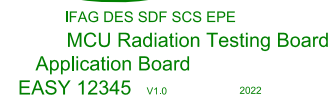



Cortex Debug



roughly 0.6mA for the proper LED Utilisation





| | | | | | |
|---|------------------------|-----------------------------|--------|--------|------|
|  <p>Infineon Technologies AG/TUM FAG DES SDF SCS EPE Am Campeon 1-12 85579 NEUBIBERG – GERMANY</p> | ENGINEER: | MCU Radiation Testing Board | | | |
| | PCB DESIGNER: | | | | |
| | Youssef Tarkhan | | | | |
| | DATE: | PART NO: | REL: | REV: | |
| | 17.06.2022 | | | | V1.0 |
| | SWN REVISION: | FILE NAME: | APPRV: | SCALE: | |
| | Not in version control | Mainboard.PcbDoc | | 1:1 | |

Board Stack Report