

MCH-RTM-BM Status

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MCH-RTM-BM Status

- Passed tests, general
 - Power supply via Zone3 (MCH) and power supply via Zone2 (RPM)
 - Programming of Atmel, NAT-MachXO, Ethernet Controller
 - ComExpress module ok
 - USB, Display Port, Ethernet interfaces at face plate
 - PCIe to Ethernet controller, Ethernet link via Ethernet controller
 - Temperature reporting via I2C - OS
 - Boot via SATA connection
- Passed Tests, ZYNQ:
 - Programming of MachXO via programming connector
 - Programming via MCH firmware does not work → Redesign v1.1
 - Output voltage range of Zynq related DC-DC converters
 - I2C Buffer and pull resistors for RF Backplane are switched on
 - DRAM Test
- Open:
 - Firmware integration on MCH side
 - Missing: System Integration – nobody responsible
 - Board is broken and sent to repair (0.5mm Pitch BGA)
 - Boot from SPI Flash did not work yet
 - PM functionality for eRTM15: - Not tested!
- Further work now happening on „MicroZed Board“

