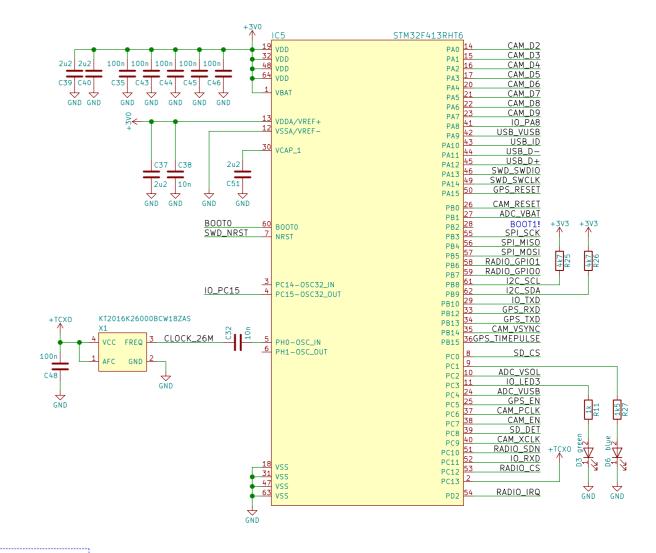


R31 100k





LED STATES

Watchdog normally flashing every 3 seconds Transceiver transmitting Transceiver receiving Camera actived LED GPS active LED, blinking if GPS locked APRS packet received

POWER BUSSES

+SOL The solar cells are connected here

+BATT The battery is connected here

Power from USB (through D1) or battery (through Q1) is connected here. VDD

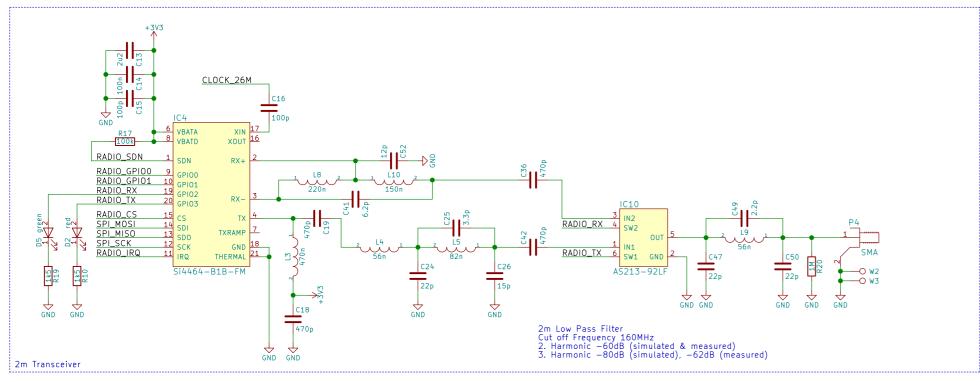
Core bus. This Bus is connected to the STM32, BME280 and KT2016 The voltage of the bus has 3.0V. $\,$ VCC

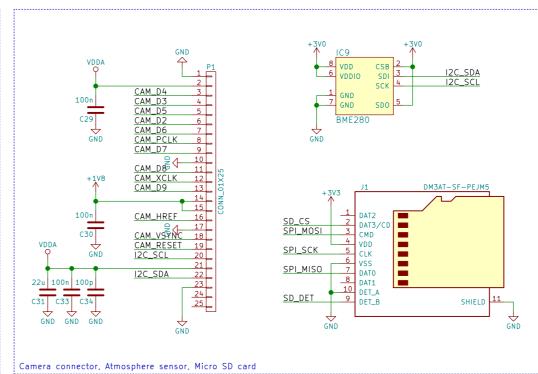
This bus has actually 3.4V and poweres the transceiver in order to get 20 dBm. It is also connected to the PAC1720 and SD card because they needs at least 3.0V. +3V3

+VCC_GPS GPS power bus including the Timepulse LED

+VDDA Analog voltage for the camera

Core and I/O voltage for the camera





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