

The schematic diagram is divided into three main functional blocks:

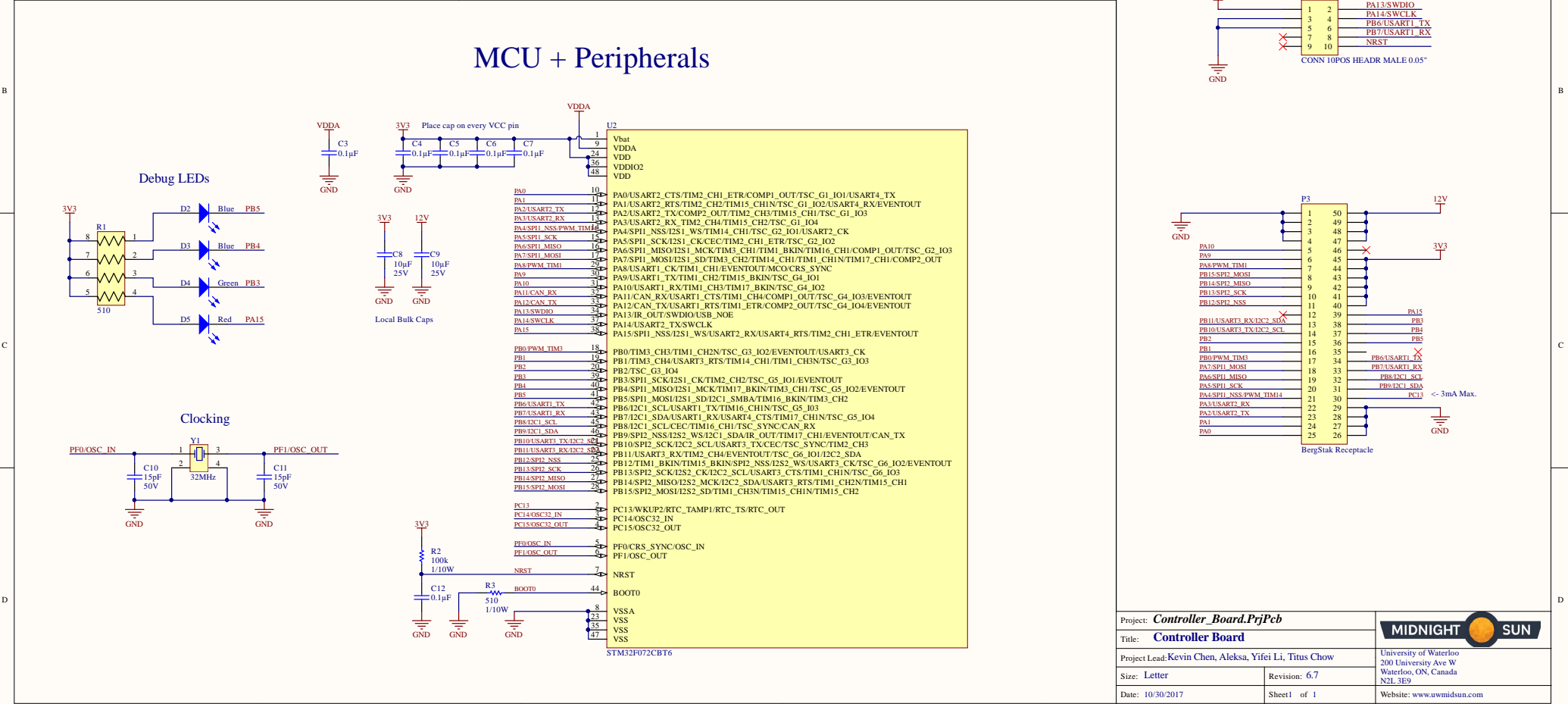
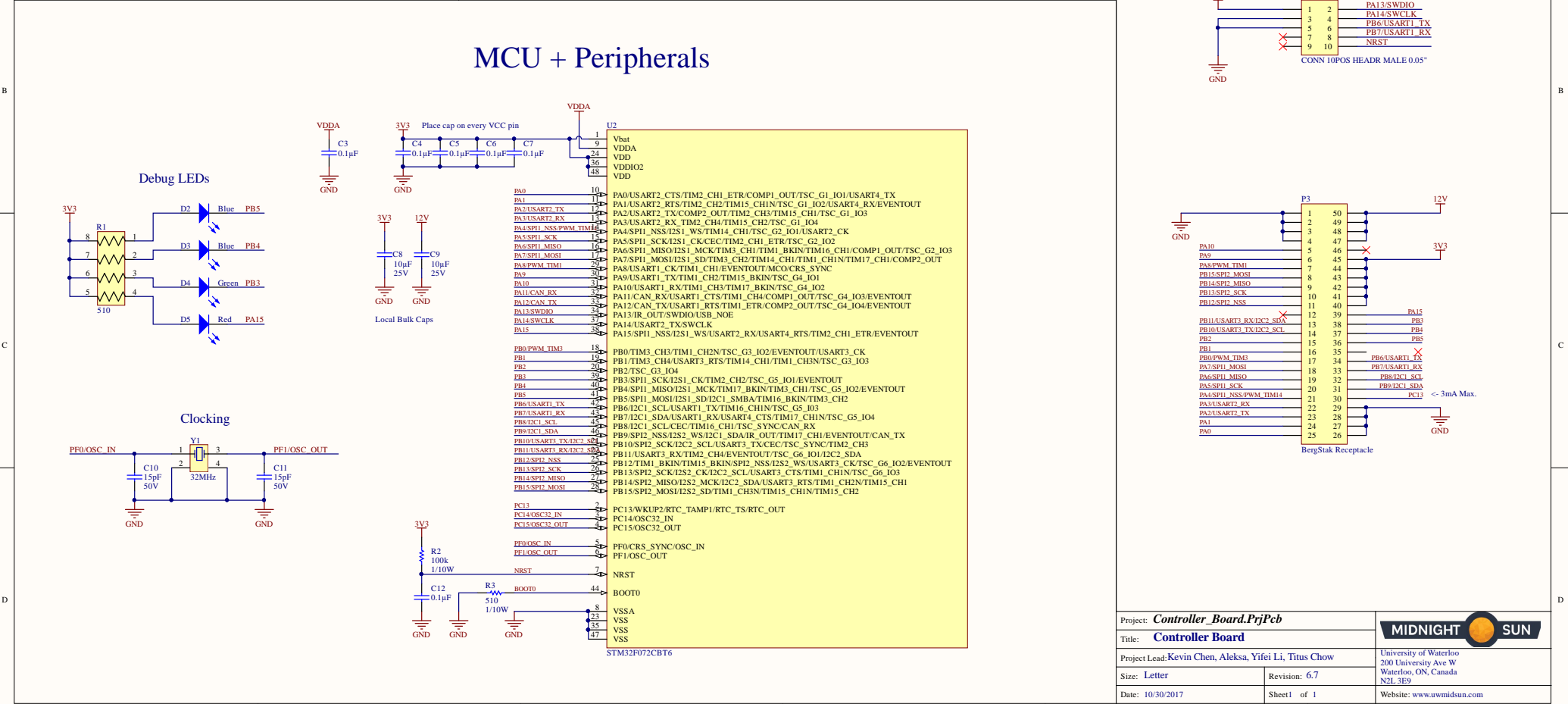
- CAN:** Shows the CAN332DR (U1) interface. It includes a 3V3 supply, a 4.7µF capacitor (C1), and a 0.1µF capacitor (C2) connected to the TXD (PA12/CAN\_TX) and RXD (PA11/CAN\_RX) pins. The TXD pin is marked with a red 'X'. The RXD pin is connected to a diode (D1) to ground. The CANH and CANL pins are connected to the CAN\_P and CAN\_N pins, respectively. The NC pins are also marked with red 'X's.
- Power Supply:** Shows the MIC94310-PYMT-TR (U4) voltage converter. It takes a 3V3 DC-DC input (U3) and provides a 3V3 output (D6). The VIN pin is connected to the 3V3 supply, and the VOUT pin is connected to the 3V3 output. The EN pin is connected to ground. The GND pin is connected to ground. The PAD pin is connected to ground. The VDDA pin is connected to a 1µF capacitor (C15) to ground.
- Connectors:** Shows the Dura-Click connectors P1 and P2. P1 is connected to CAN\_P and CAN\_N. P2 is connected to CAN\_P and CAN\_N. The connectors are labeled with their pin numbers (1, 2) and the signal names (CAN\_P, CAN\_N).

The schematic diagram is divided into three main sections:

- CAN:** Shows the CAN332DR (U1) IC. The TXD pin (1) is connected to PA12/CAN\_TX. The RXD pin (4) is connected to PA11/CAN\_RX. The NC pins (8, 7, 6, 5) are connected to GND. The CANH (2) and CANL (3) pins are connected to the CAN\_P and CAN\_N pins of the D1 connector. The D1 connector is also connected to GND.
- Power Supply:** Shows the MIC94310-PYMT-TR (U4) IC. The VIN pin (4) is connected to 3V3 DC-DC. The EN pin (3) is connected to GND. The VOUT pin (1) is connected to VDDA. The PAD pin (5) is connected to GND. The GND pins (2, 3, 4, 5) are connected to GND. The D6 diode (1A 30V) is connected between the 3V3 DC-DC and the 3V3 pin of the D1 connector.
- Connectors:** Shows the Dura-Click connectors P1 and P2. P1 is connected to CAN\_P and CAN\_N. P2 is connected to CAN\_P and CAN\_N. The D1 connector is connected to CAN\_P and CAN\_N. The D6 diode is connected between the 3V3 DC-DC and the 3V3 pin of the D1 connector.

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- CAN:** Shows the CAN332DR (U1) interface. It includes a 3V3 supply, a 4.7µF capacitor (C1), and a 0.1µF capacitor (C2) connected to the TXD (PA12/CAN\_TX) and RXD (PA11/CAN\_RX) pins. The TXD pin is marked with a red 'X'. The RXD pin is connected to a diode (D1) to ground. The CANH and CANL pins are connected to the CAN\_P and CAN\_N pins, respectively. The NC pins are also marked with red 'X's.
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- Connectors:** Shows the Dura-Click connectors P1 and P2. P1 is connected to CAN\_P and CAN\_N. P2 is connected to CAN\_P and CAN\_N. The connectors are labeled with 1 and 2 pins.

[illegible][illegible]

