

This diagram illustrates the hardware design for the CASKET EVAKIT, a reconfigurable system. The design is organized into functional blocks: Power, Control, and I/O.

Power Section: A 5V/10A input is connected to a power management IC (IC1: AP7365-33YG-13) via a 5V regulator. The output of the regulator is connected to a 3.3V output. The power section also includes a 3.3V input, a 3.3V output, and a 3.3V output connected to a 3.3V output.

Control Section: The control section includes a 3.3V input, a 3.3V output, and a 3.3V output connected to a 3.3V output. The control section also includes a 3.3V input, a 3.3V output, and a 3.3V output connected to a 3.3V output.

I/O Section: The I/O section includes a 3.3V input, a 3.3V output, and a 3.3V output connected to a 3.3V output. The I/O section also includes a 3.3V input, a 3.3V output, and a 3.3V output connected to a 3.3V output.

Key Components:

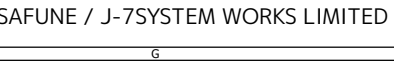
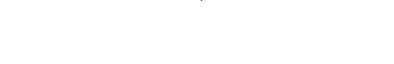
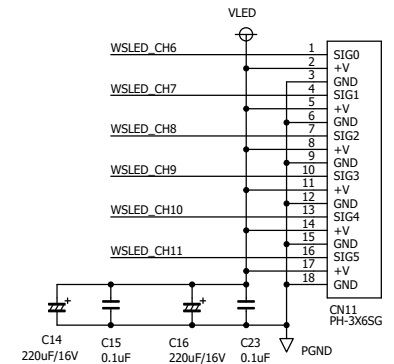
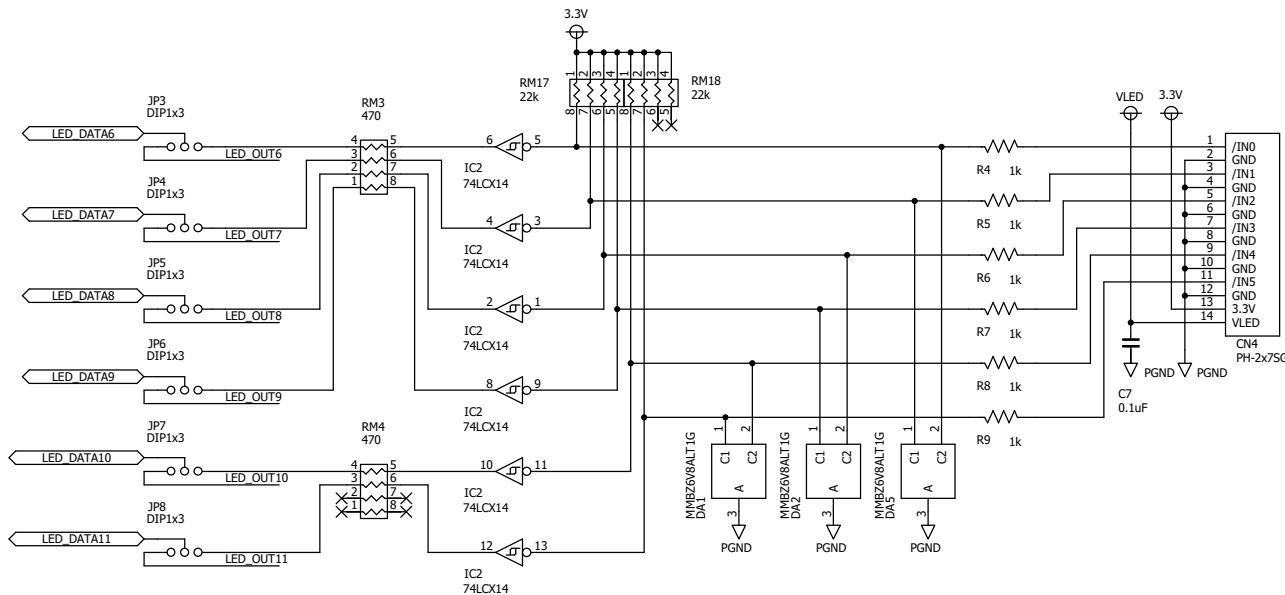
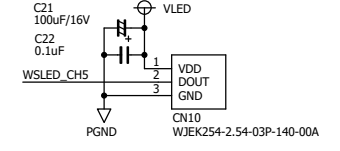
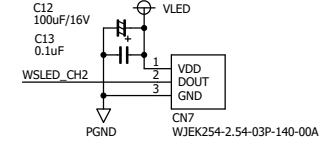
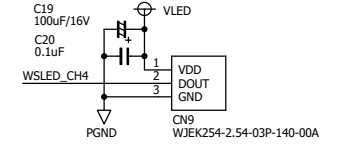
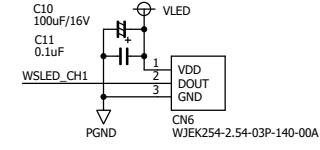
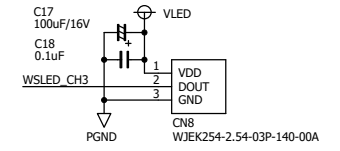
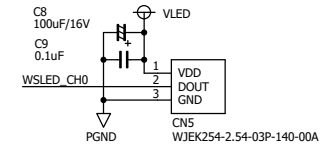
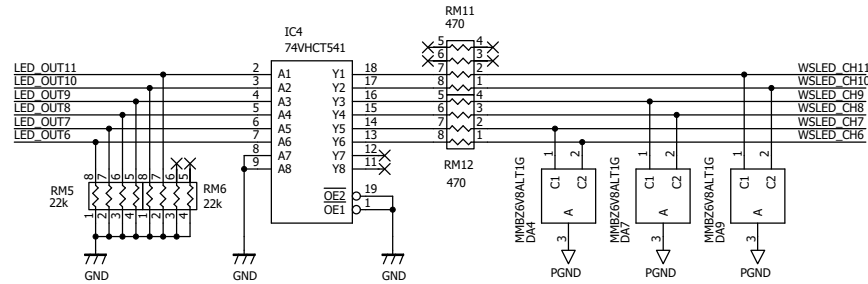
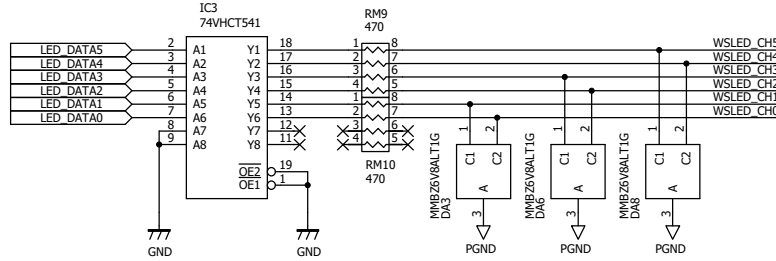
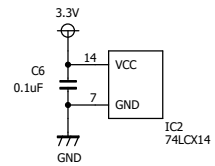
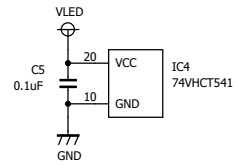
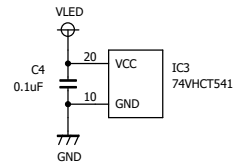
- IC1:** AP7365-33YG-13 (3.3V Regulator)
- IC2:** AP7365-33YG-13 (3.3V Regulator)
- IC3:** AP7365-33YG-13 (3.3V Regulator)
- IC4:** AP7365-33YG-13 (3.3V Regulator)
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- IC98:** AP7365-33YG-13 (3.3V Regulator)
- IC99:** AP7365-33YG-13 (3.3V Regulator)
- IC100:** AP7365-33YG-13 (3.3V Regulator)

REV.A
2019.07.22

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