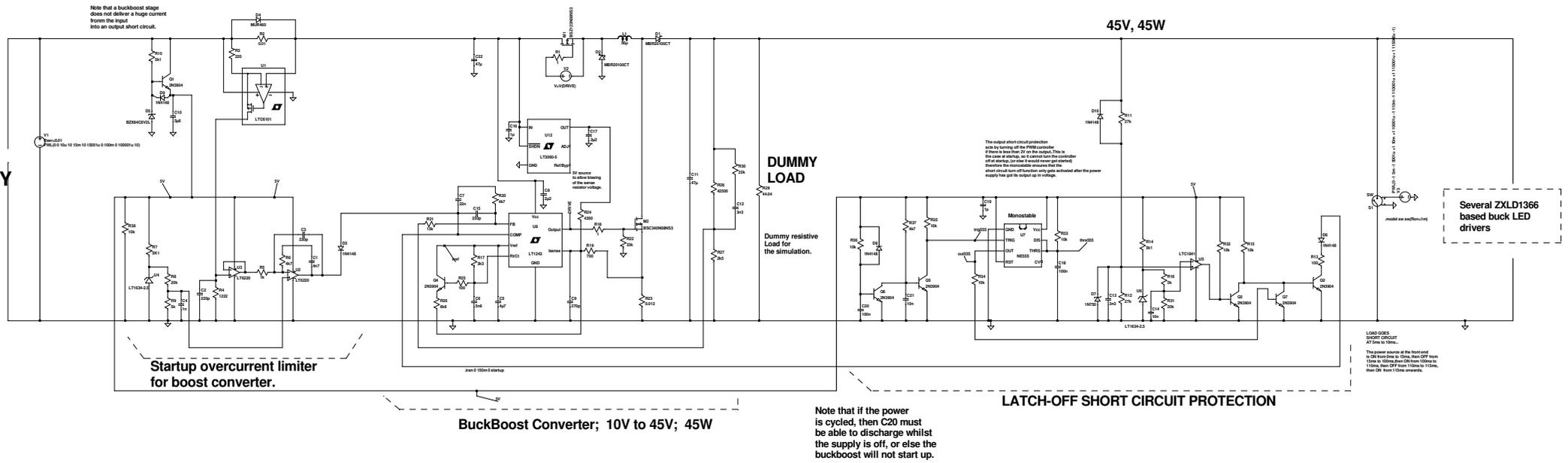


CAR BATTERY



Note that a buckboost stage does not deliver a huge current from the input into an output short circuit.

45V, 45W

DUMMY LOAD

Dummy resistive Load for the simulation.

Startup overcurrent limiter for boost converter.

BuckBoost Converter; 10V to 45V; 45W

LATCH-OFF SHORT CIRCUIT PROTECTION

Several ZXLD1366 based buck LED drivers

Note that if the power is cycled, then C20 must be able to discharge whilst the supply is off, or else the buckboost will not start up.

LOAD/LED SHORT CIRCUIT
C20 can't drive...