IMPORTANT NOTES ABOUT THIS SCHEMATIC

1) DESIGN NOTES in grey are information notes.

2) DESIGN NOTES in red are critical, and must be understood and followed.

3) A red X indicates suppression of error checking on a pin/net. Commonly suppressed errors include: single-pin net, no driving source, etc.

4) All unique components in this schematic should have a manufacturer's part number displayed, exceptions to this rule are commodity passives such as resistors and capacitors.

5) Finally, population vs. non-population intent is indicated by adding "NP" next to the part. All parts with "NP" next to the part are intended to be unplaced during assembly.

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DESIGN NOTE: C18 & R18 are part of the snubber circuit to be calculated during testing.

DESIGN NOTE:

D6 is a bootstrap diode needed for >65% duty cycle operation.

DESIGN NOTE: C15 is part of the compensation circuit. Not populated unless necessary.