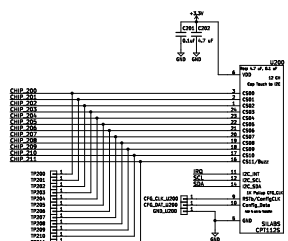
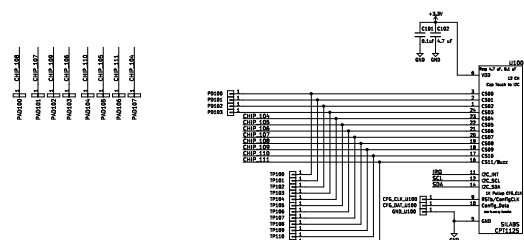
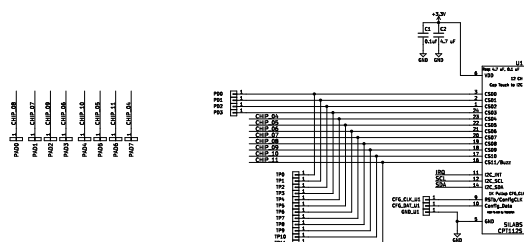


The Pad to Chip connections are backdriven by the physics of the capacitance touch-chip, in order to minimize interference between traces, we must alternate them. The low cost of the sensor and it's suitability in a field of capacitors, coupled with the chip configuration tradeoffs to achieve full real-time fast readings that we break best practice of reading the data labels match the bit order of the chip. Remapped in SW.
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LED strip, APA102C x 8, + 0.1" TH for debug / separation