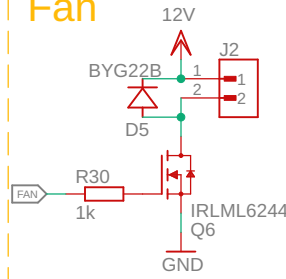
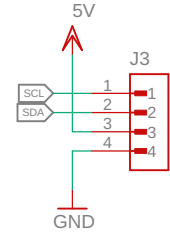


Note: desolder pull-up resistors on LCD I2C module

Fan



I2C LCD

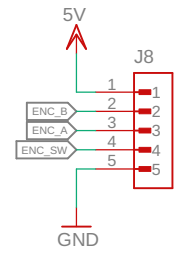


Keypad

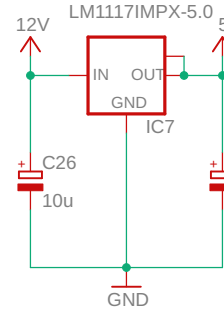
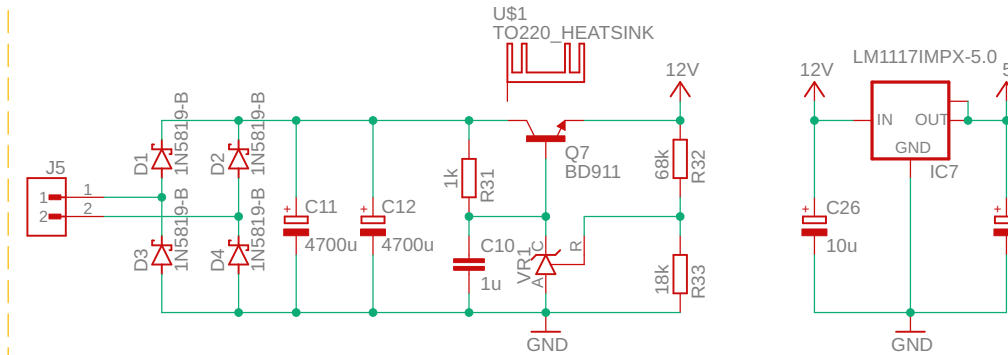


9th pin is for potential upgrade to a 4x5 keypad

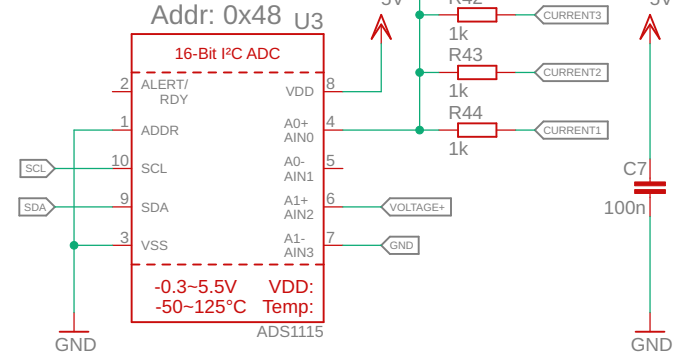
Encoder



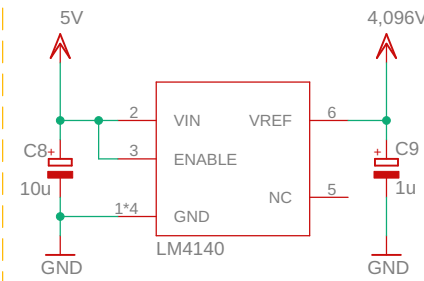
Power supply



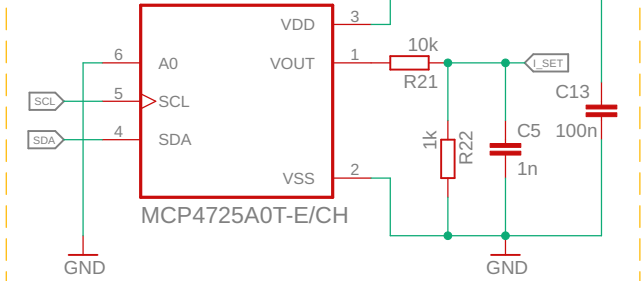
ADC



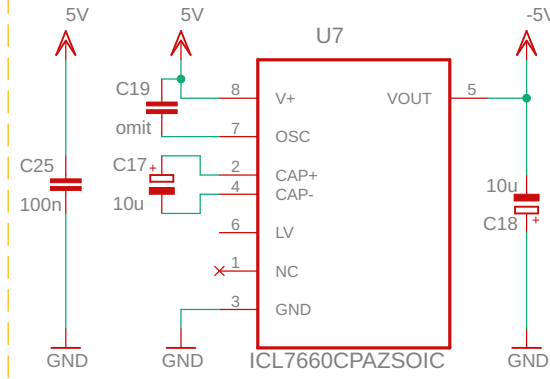
Voltage reference



DAC

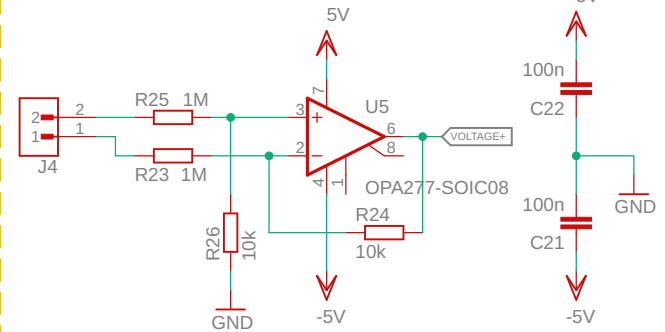


Negative voltage generator

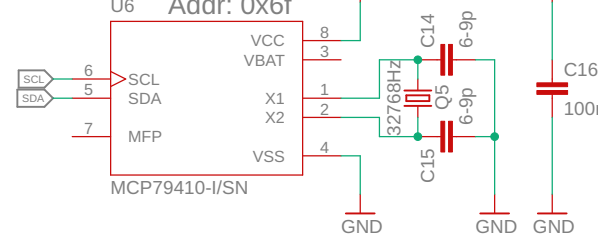


The efficiency at low load can be increased by adding C19 which lowers the oscillator frequency

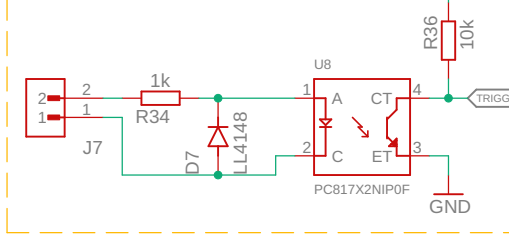
Remote voltage sense



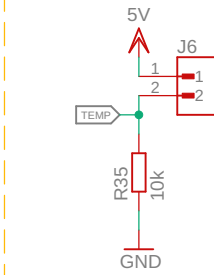
RTC



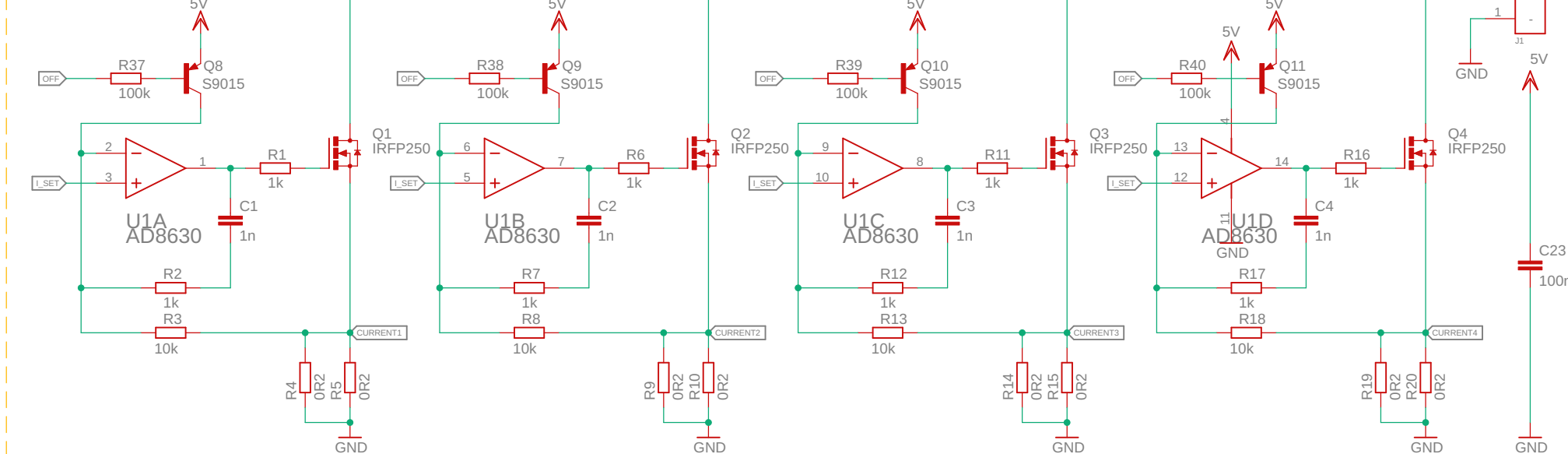
Input trigger



Temperature measurement



Power electronics



uC

