



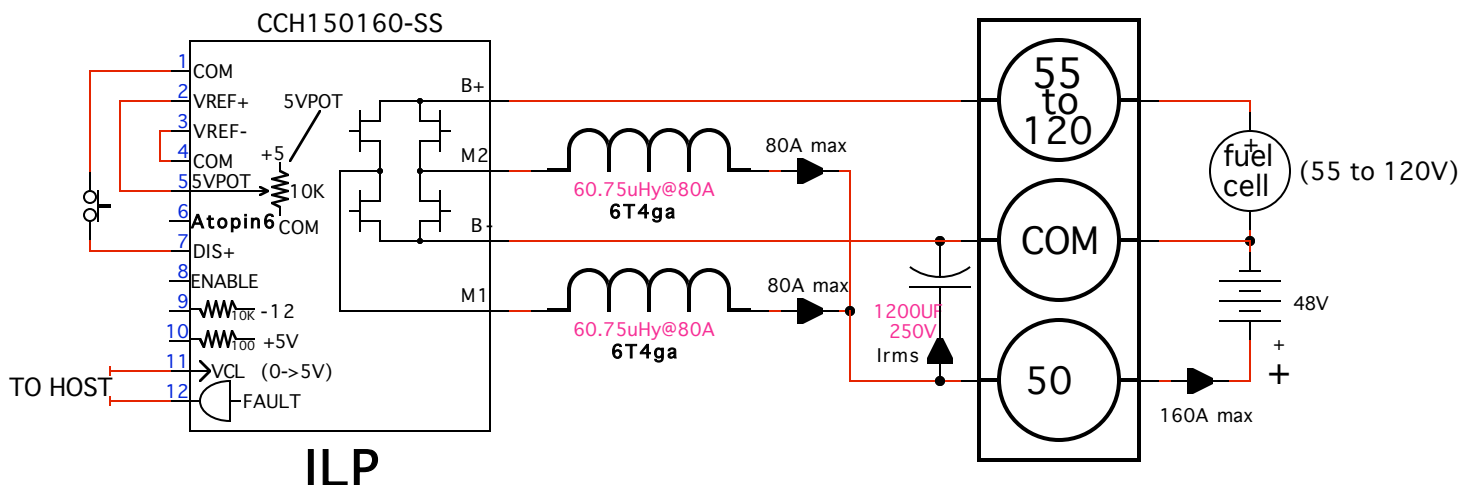
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01-08

## INSTALLATION WIRING Step Down Voltage Regulator.

### DCDC72/50/8000



### ILP

#### NOTES:

- 1 ADJUST "5VPOT", PIN 5, POT FOR DESIRED LOAD CURRENT.
- 2 WIRE DISABLE INPUT, PIN 7, TO NC CONTACT.
- 3 SELECTING CERTAIN SWITCHES ON TOP BOARD OF CCH UNIT ALLOWS ANY OF 16 ANALOG SIGNALS AT PIN 6.
- 4 VCL, PIN 11, SETS THE CURRENT LIMIT LEVEL out of M1, M2.
- 5  $I_{rms} = .385 * d_i$ .  $d_i = d_i$  of inductor at  $\tau/T = .25$ .  $E_{in} = 120$ ,  $E_{out} = 30$ .  
 $I_{rms} = 4.56A$  for  $d_i = 11.85A$ .  $I_{rms}$  rated =  $1.5 * 4.4A$ , cap data sheet.
- 6 This system is in ILP. Units can be paralleled. Each unit does not know SCH-1850-1 that another is between "COM" and "50".
- 7 If the battery is removed, the output voltage will reach the input voltage.