Interface Definitions

outside_system_to_voltage_regulator_dcpwr	● Making sure voltage being supplied is sufficient to get the voltage output range.
voltage_regulator_to_outside_system_dcpwr	● Voltage range: 1.0V to 13.0V ● Voltage ripple: Less than 500.0mV ● Current max: 0.8A
voltage_regulator_to_microcontroller_asig	● Have voltage regulator hook up to two analog input pins. ● One pin measuring voltage ● One pin measuring current ● Microcontroller to scale down voltage reading between 0V to 5V
microcontroller_to_LCD_dsig	● Microcontroller takes analog input, turns it to digital for LCD display ● LCD display connected at output pins
LCD_to_outside_system_userout	● Display voltage range: 1.0V to 13.0V ● Display current range: 0.0A to 0.8A