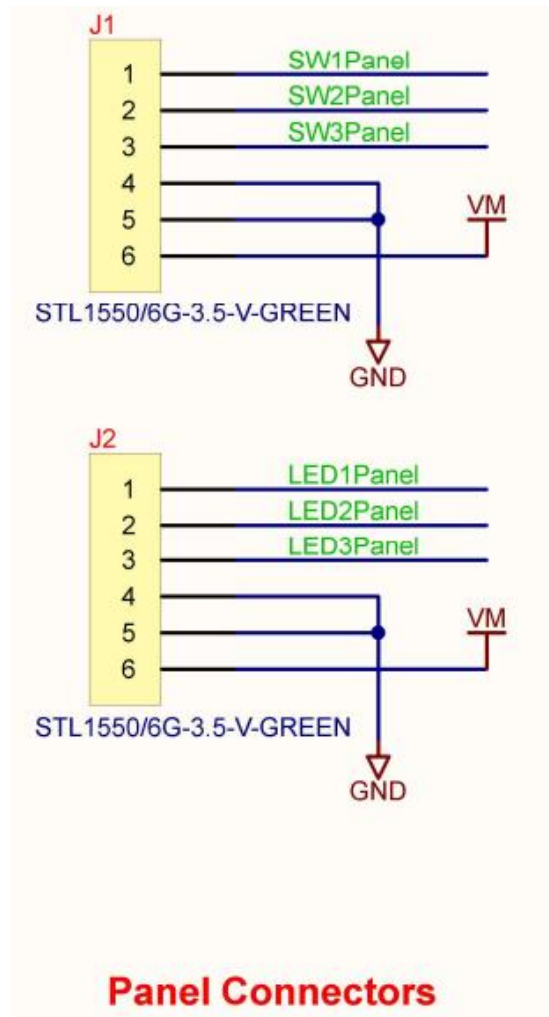
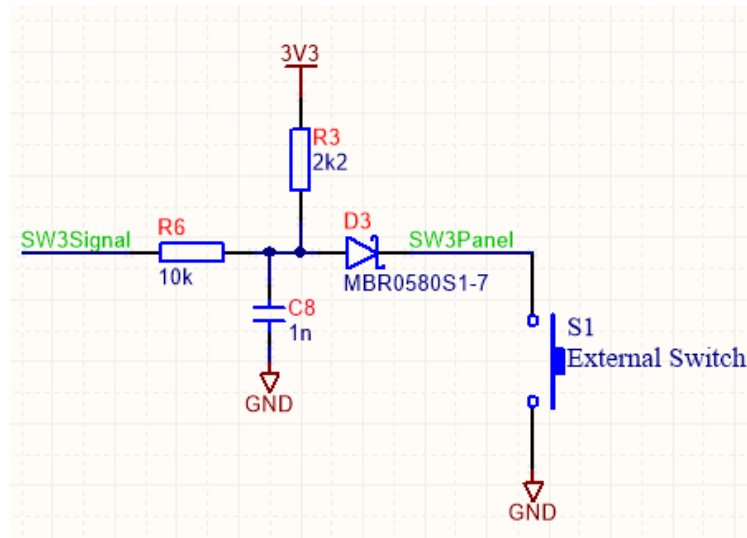


EDV Third Party Control

TruDesign EDV Panel Connectors Function



Suggested Switch Control CCT



When SW3Panel switch is connected to GND it pulls the SW3Signal low which goes to the micro-Controller. Switch current is approx. 1mA.

The inputs are tied to the port location. I.e.,

pulling Sw1 low will always set the valve to position 1.

pulling Sw2 low will always set the valve to position 2.

pulling Sw3 low for 3 to 4 seconds will lock the valve in its current position.

Note: When operating the switches, the EDV will prioritise in the following order, Sw1, Sw2, Sw3. Therefore if Sw1 is pressed and held, the EDV will not be able to respond to Sw2 or Sw3 being pressed.

Suggested LED position Indicator control CCT

The LEDs are powered from VM.

LED with a series resistor tied to the 12V or 24V supply is acceptable.

Suggested Resistors

12V, 1.5K 1/4W

24V, 3.3K 1/2W

The LED outputs can handle 10mA max, and voltage 32V max.

