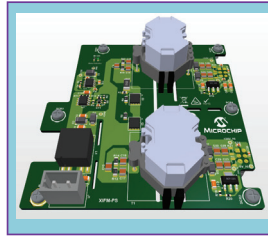


# SIGNAL FLOW AND MOUNTING OVERVIEW

HARDWIRED SIGNALS

+24V  
GND

Board 1  
Title: Power Supply Board



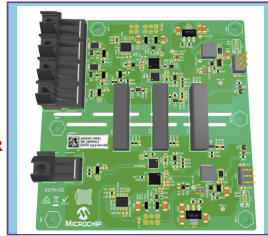
+24V\_HI  
-24V\_HI  
-8V\_HI  
GND\_HI  
  
+24V\_LO  
-24V\_LO  
-8V\_LO  
GND\_LO

SIGNAL THROUGH CONNECTORS

OPTICAL SIGNALS

HI\_TRIGGER  
LO\_TRIGGER  
RESET  
  
HV TEMP MONITOR  
All FAULT

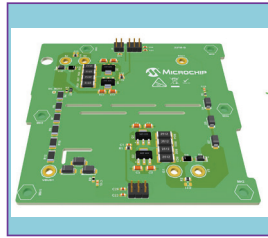
Board 2  
Title: Control Board



+24V\_HI  
-24V\_HI  
GND\_HI  
HI\_DRIVE  
HI\_DSAT  
  
TEMP\_MON  
VBUS\_MON  
LO\_DSAT  
LO\_DRIVE  
+24V\_LO  
-24V\_LO  
GND\_LO

SIGNAL THROUGH CONNECTORS

Board 3  
Title: Buffer Board

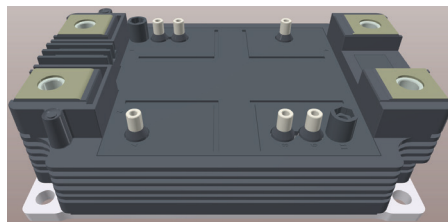


VBUS (Pin 7)  
HI\_GATE (Pin 8)  
GND\_HI (Pin 9)  
LO\_GATE (Pin 5)  
GND\_LO (Pin 6)  
NTC (Pin 10)

SIGNAL DIRECTLY SCREWED TO MODULE

BUSBAR CONNECTIONS

+VBUS (Pin 2)  
-VBUS (Pin 1)



OUTPUT (Pin 4)  
OUTPUT (Pin 3)

BUSBAR CONNECTIONS