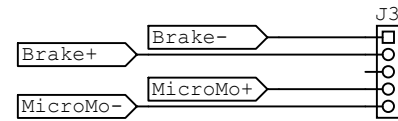
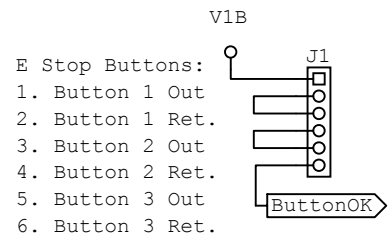
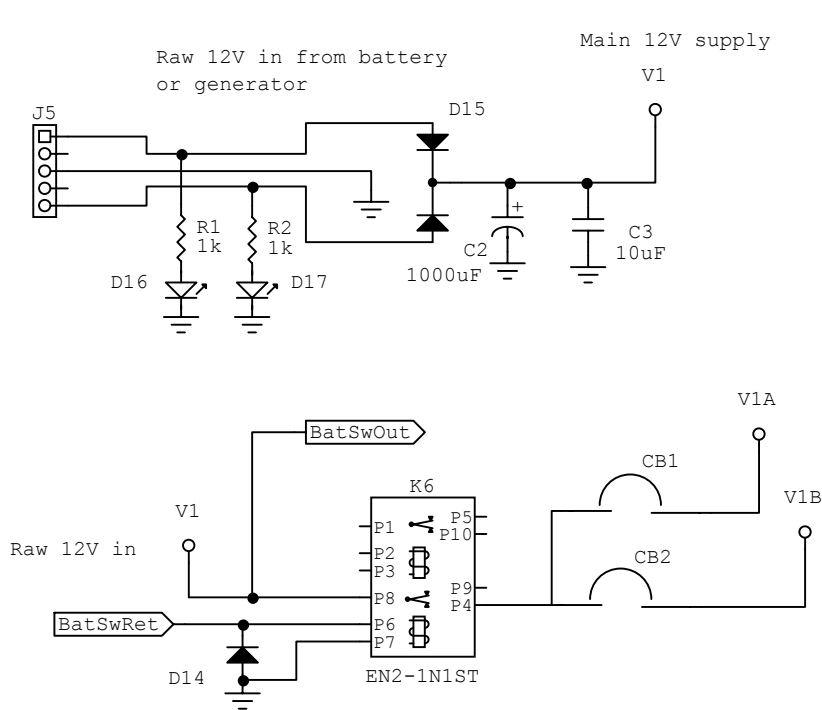


Brake drive select betw. Computer drive and Manual (K5)

Select betw. controlled inputs (K4) and emergency 12V (K2 + pressure sw.)

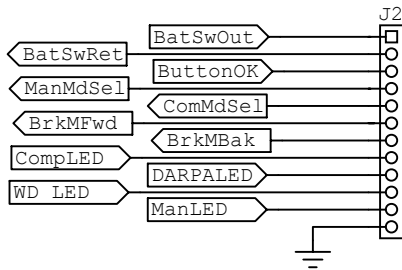


Brake:

1. Brake Motor +
2. Brake Motor -
3. NC
4. MicroMo +
5. MicroMo -

Note:

These may get separated into two connectors at enclosure housing

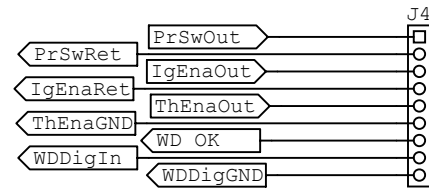
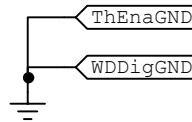


Dashboard Control:

1. Batt. Disconnect Out.
2. Batt. Disconnect Ret.
3. E Stop Buttons OK
4. Manual Mode Select
5. Computer Mode Select
6. Brake Manual Forward
7. Brake Manual Back
8. Computer Mode Selected LED
9. DARPA E Stop OK LED
10. Watchdog OK LED
11. Manual Mode Selected LED
12. GND

Note:

To save pins, "Button OK" is the only 12V signal going to the dashboard control. This means that manual mode does not work unless all EStop buttons on the vehicle are enabled.

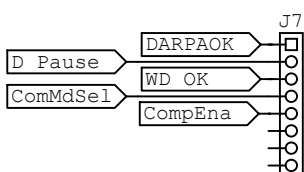


Control & Enable:

1. Brake Pressure Switch Out
2. Brake Pressure Switch Ret.
3. Ignition Enable Out
4. Ignition Enable Ret.
5. Throttle EM Enable Out
6. Throttle GND
7. Watchdog Bypass
8. Watchdog Digital Input
9. Watchdog Digital GND

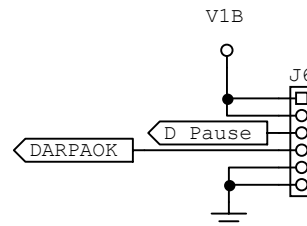
Note:

Apply 12V to pin 7 to bypass Watchdog



Repeater:

1. DARPA OK (12V = not disabled)
2. DARPA Pause (12V = not paused)
3. Watchdog OK (12V = OK)
4. Computer Mode Selected
5. Computer Mode Enabled
6. NC
7. NC
8. NC



DARPA:

1. 12V Out
2. 12V Out
3. DARPA Pause (12V = not paused)
4. DARPA OK (12V = not disabled)
5. GND
6. GND