LCTHC
Front Panel

RJ45 TO G540 Interface

7 - Torch Fire +
6 - Torch Fire -
5 - THC Down
4 - THC Up
3 - Output Pullup
2 - Output Common
1 - Arc OK

+12VDC RTN (Neg)
+12VDC

E-STOP SWITCH
N/C
N/O

POWER SWITCH

Switching Power Supply 36VDC

Line
Neutral
Ground
V+
V+
V-
V-

Wall Plug P/S 12VDC

Wall Plug P/S 12VDC

R45 LCTHC Display

Limits/Homing

NC Com NO
E-Stop
E-Stop
Motor +
Motor Gnd
+5V
Gnd
+12V

G540 Interface
LCTHC

GECKODRIVE G540

1 - Input 1 D25-11
2 - Input 2 D25-11
3 - Input 3 D25-12
4 - Input 4 D25-13
5 - Output 1 D25-17
6 - Output 2
7 - VFD Ground
8 - VFD Output
9 - VFD +10VDC
10 - E-Stop
11 - +18 to +50VDC
12 - P/S Gnd

Limit Switches
1,2 X Axis
3,4 Y Axis
5,6 Z Axis

N L G

AC Power Input

Buildlog.net
CNC Plasma
Control Box Schematic

REV 1