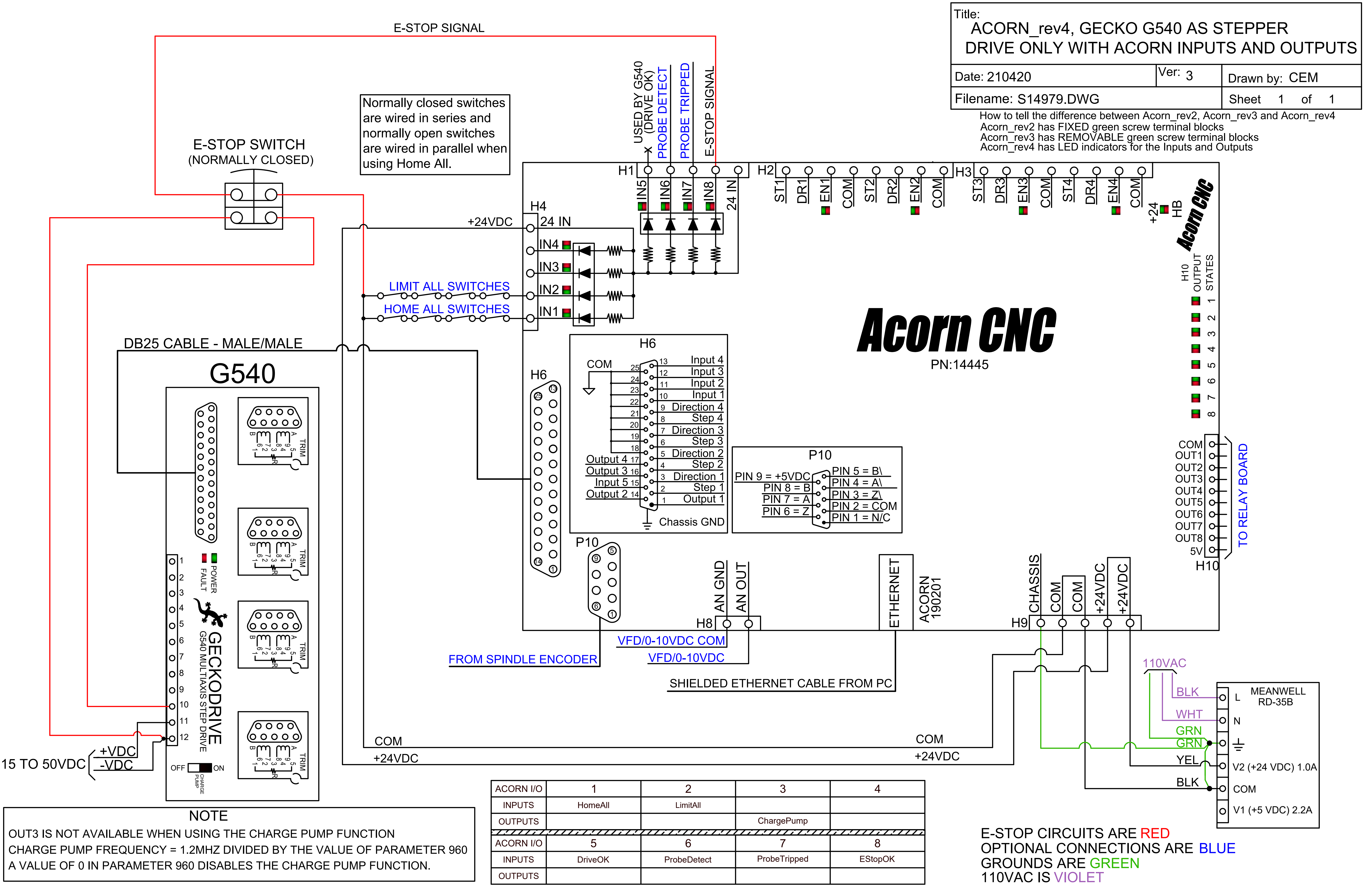


How to tell the difference between Acorn_rev2, Acorn_rev3 and Acorn_rev4
Acorn_rev2 has FIXED green screw terminal blocks
Acorn_rev3 has REMOVABLE green screw terminal blocks
Acorn_rev4 has LED indicators for the Inputs and Outputs



Acorn CNC
PN:14445

E-STOP SWITCH
(NORMALLY CLOSED)

Normally closed switches
are wired in series and
normally open switches
are wired in parallel when
using Home All.

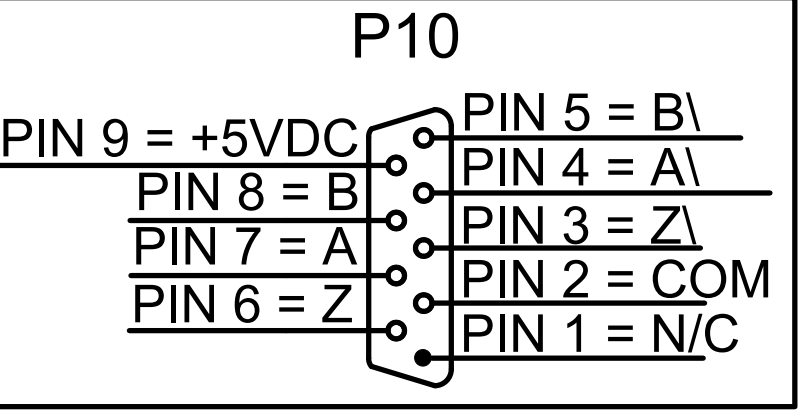
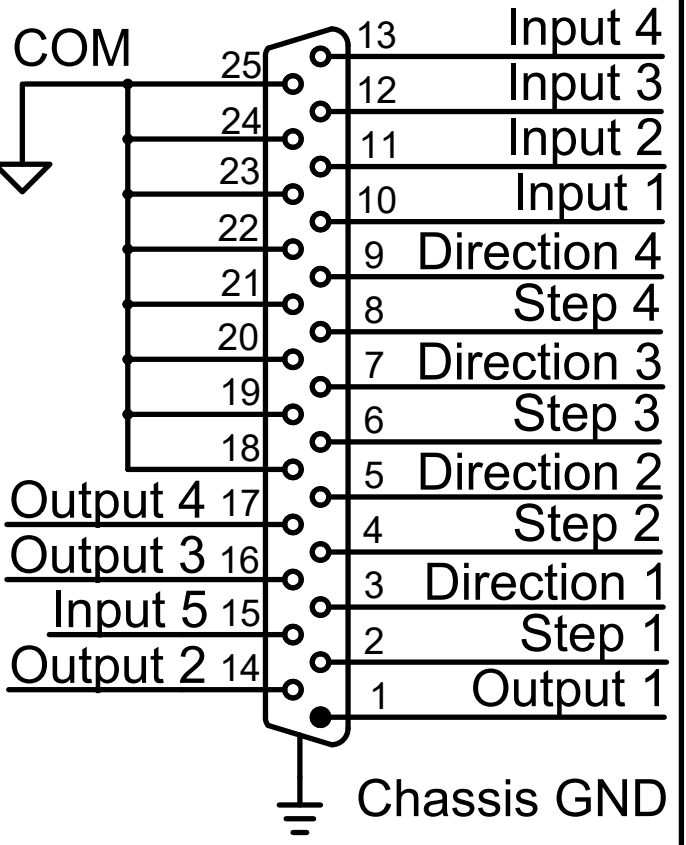
USED BY G540
(DRIVE OK)
PROBE DETECT
PROBE TRIPPED
E-STOP SIGNAL

LIMIT ALL SWITCHES
HOME ALL SWITCHES

DB25 CABLE - MALE/MALE

G540

H6



Acorn CNC
H10
OUTPUT
STATES
1
2
3
4
5
6
7
8

TO RELAY BOARD

FROM SPINDLE ENCODER

VFD/0-10VDC COM
VFD/0-10VDC

SHIELDED ETHERNET CABLE FROM PC

E-STOP CIRCUITS ARE RED
OPTIONAL CONNECTIONS ARE BLUE
GROUNDS ARE GREEN
110VAC IS VIOLET

NOTE

OUT3 IS NOT AVAILABLE WHEN USING THE CHARGE PUMP FUNCTION
CHARGE PUMP FREQUENCY = 1.2MHZ DIVIDED BY THE VALUE OF PARAMETER 960
A VALUE OF 0 IN PARAMETER 960 DISABLES THE CHARGE PUMP FUNCTION.

ACORN I/O	1	2	3	4
INPUTS	HomeAll	LimitAll		
OUTPUTS			ChargePump	
ACORN I/O	5	6	7	8
INPUTS	DriveOK	ProbeDetect	ProbeTripped	EStopOK
OUTPUTS				