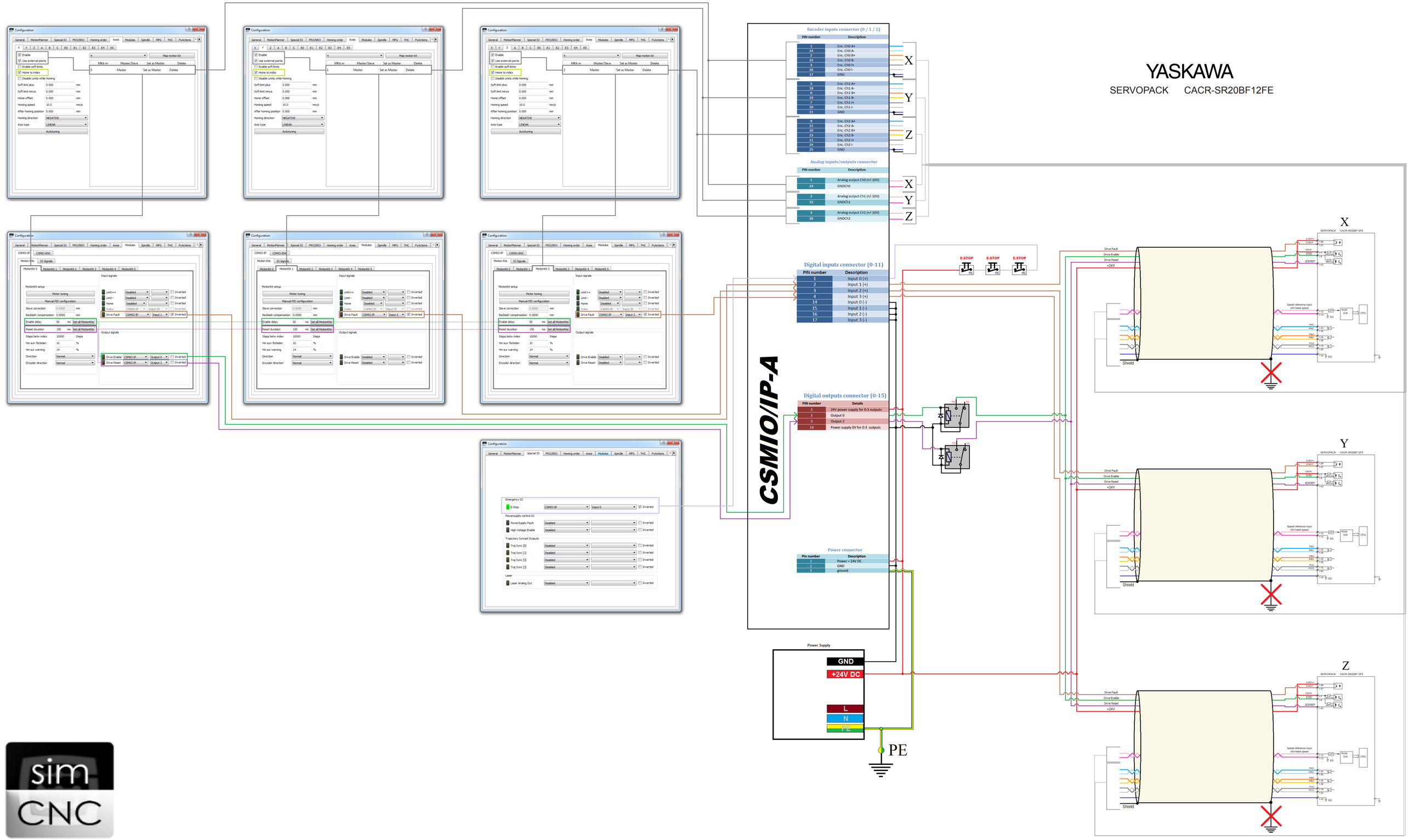
YASKAWA
SERVOPACK CACR-SR20BF12FE
Encoder inputs connector (0 / 1 / 2)
PIN number Description
1 Enc. Ch0 A+
14 Enc. Ch0 A-
2 Enc. Ch0 B+
15 Enc. Ch0 B-
3 Enc. Ch0 I+
16 Enc. Ch0 I-
17 GND
5 Enc. Ch1 A+
18 Enc. Ch1 A-
6 Enc. Ch1 B+
19 Enc. Ch1 B-
7 Enc. Ch1 I+
20 Enc. Ch1 I-
21 GND
9 Enc. Ch2 A+
22 Enc. Ch2 A-
10 Enc. Ch2 B+
23 Enc. Ch2 B-
11 Enc. Ch2 I+
24 Enc. Ch2 I-
25 GND
X
Y
Z
Analog inputs/outputs connector
PIN number Description
1 Analog output Ch0 (+/-10V)
14 GNDCh0
2 Analog output Ch1 (+/-10V)
15 GNDCh1
3 Analog output Ch2 (+/-10V)
16 GNDCh2
X
Y
Z
Digital inputs connector (0-11)
PIN number Description
1 Input 0 (+)
2 Input 1 (+)
3 Input 2 (+)
4 Input 3 (+)
14 Input 0 (-)
15 Input 1 (-)
16 Input 2 (-)
17 Input 3 (-)
E-STOP
E-STOP
E-STOP
Digital outputs connector (0-15)
PIN number Details
1 24V power supply for 0-3 outputs
2 Output 0
3 Output 2
14 Power supply 0V for 0-3 outputs
CSMIO/IP-A
Power connector
Pin number Description
1 Power – 24V DC
2 GND
3 ground
Power Supply
GND
+24V DC
L
N
PE
PE
Configuration
Emergency IO
E-Stop
Powersupply control IO
PowerSupply Fault
High Voltage Enable
Trajectory Synced Outputs
Laser
Laser Analog Out
Drive Fault
Drive Enable
Drive Reset
+24V
Shield
Speed reference input
CPU
X
Y
Z

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