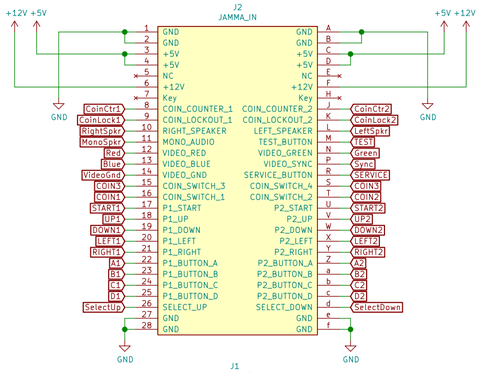
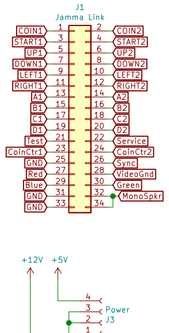
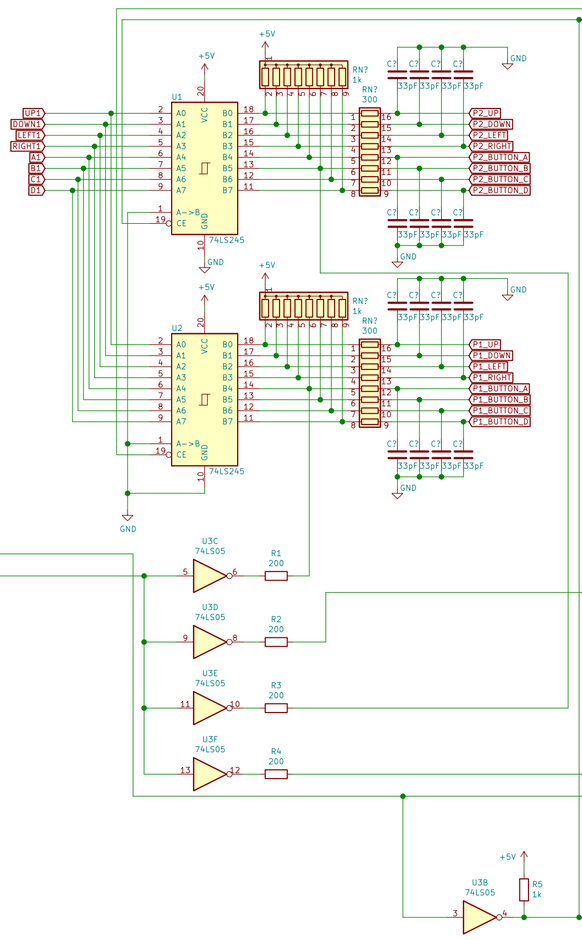
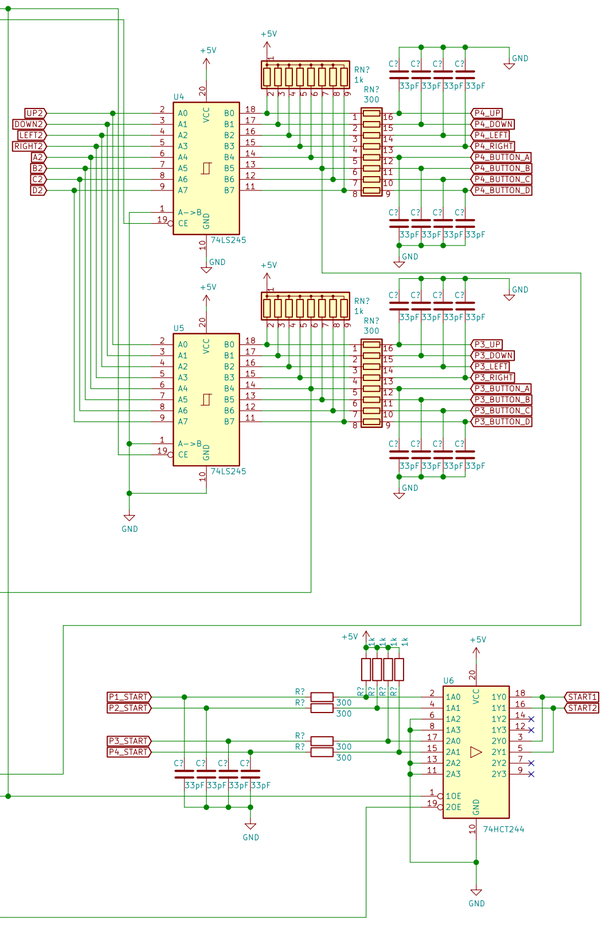
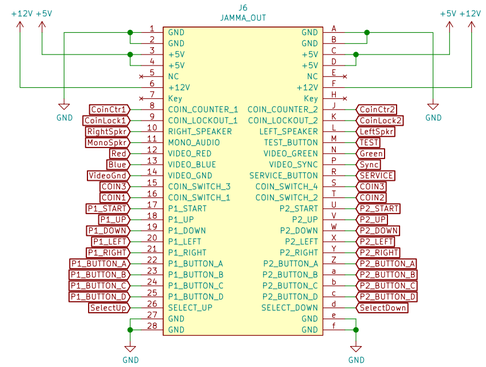

J2
JAMMA_IN
GND
+5V
+12V
COIN_COUNTER_1
COIN_LOCKOUT_1
RIGHT_SPEAKER
MONO_AUDIO
VIDEO_RED
VIDEO_BLUE
VIDEO_GND
COIN_SWITCH_3
COIN_SWITCH_1
P1_START
P1_UP
P1_DOWN
P1_LEFT
P1_RIGHT
P1_BUTTON_A
P1_BUTTON_B
P1_BUTTON_C
P1_BUTTON_D
SELECT_UP
COIN_COUNTER_2
COIN_LOCKOUT_2
LEFT_SPEAKER
TEST_BUTTON
VIDEO_GREEN
VIDEO_SYNC
SERVICE_BUTTON
COIN_SWITCH_4
COIN_SWITCH_2
P2_START
P2_UP
P2_DOWN
P2_LEFT
P2_RIGHT
P2_BUTTON_A
P2_BUTTON_B
P2_BUTTON_C
P2_BUTTON_D
SELECT_DOWN
CoinCtr1
CoinLock1
RightSpkr
MonoSpkr
Red
Blue
VideoGnd
COIN3
COIN1
START1
UP1
DOWN1
LEFT1
RIGHT1
A1
B1
C1
D1
SelectUp
CoinCtr2
CoinLock2
LeftSpkr
TEST
Green
Sync
SERVICE
COIN4
COIN2
START2
UP2
DOWN2
LEFT2
RIGHT2
A2
B2
C2
D2
SelectDown

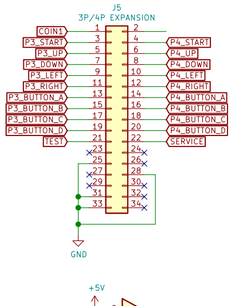

J1
Jamma Link
Power
J3
GND

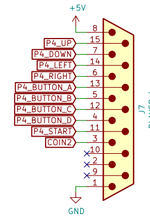
J4
CONTROL_IN
GND

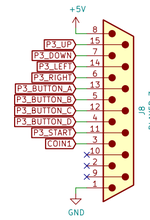

U1
U2
74LS245
RN?
1k
300
+5V
GND
UP1
DOWN1
LEFT1
RIGHT1
A1
B1
C1
D1
P2_UP
P2_DOWN
P2_LEFT
P2_RIGHT
P2_BUTTON_A
P2_BUTTON_B
P2_BUTTON_C
P2_BUTTON_D
P1_UP
P1_DOWN
P1_LEFT
P1_RIGHT
P1_BUTTON_A
P1_BUTTON_B
P1_BUTTON_C
P1_BUTTON_D
33pF

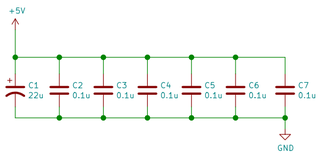

U4
U5
74LS245
RN?
1k
300
+5V
GND
UP2
DOWN2
LEFT2
RIGHT2
A2
B2
C2
D2
P4_UP
P4_DOWN
P4_LEFT
P4_RIGHT
P4_BUTTON_A
P4_BUTTON_B
P4_BUTTON_C
P4_BUTTON_D
P3_UP
P3_DOWN
P3_LEFT
P3_RIGHT
P3_BUTTON_A
P3_BUTTON_B
P3_BUTTON_C
P3_BUTTON_D
33pF


J6
JAMMA_OUT
GND
+5V
+12V
COIN_COUNTER_1
COIN_LOCKOUT_1
RIGHT_SPEAKER
MONO_AUDIO
VIDEO_RED
VIDEO_BLUE
VIDEO_GND
COIN_SWITCH_3
COIN_SWITCH_1
P1_START
P1_UP
P1_DOWN
P1_LEFT
P1_RIGHT
P1_BUTTON_A
P1_BUTTON_B
P1_BUTTON_C
P1_BUTTON_D
SELECT_UP
COIN_COUNTER_2
COIN_LOCKOUT_2
LEFT_SPEAKER
TEST_BUTTON
VIDEO_GREEN
VIDEO_SYNC
SERVICE_BUTTON
COIN_SWITCH_4
COIN_SWITCH_2
P2_START
P2_UP
P2_DOWN
P2_LEFT
P2_RIGHT
P2_BUTTON_A
P2_BUTTON_B
P2_BUTTON_C
P2_BUTTON_D
SELECT_DOWN
CoinCtr1
CoinLock1
RightSpkr
MonoSpkr
Red
Blue
VideoGnd
COIN3
COIN1
P1_START
P1_UP
P1_DOWN
P1_LEFT
P1_RIGHT
P1_BUTTON_A
P1_BUTTON_B
P1_BUTTON_C
P1_BUTTON_D
SelectUp
CoinCtr2
CoinLock2
LeftSpkr
TEST
Green
Sync
SERVICE
COIN4
COIN2
P2_START
P2_UP
P2_DOWN
P2_LEFT
P2_RIGHT
P2_BUTTON_A
P2_BUTTON_B
P2_BUTTON_C
P2_BUTTON_D
SelectDown


J5
3P/4P EXPANSION
COIN1
P3_START
P3_UP
P3_DOWN
P3_LEFT
P3_RIGHT
P3_BUTTON_A
P3_BUTTON_B
P3_BUTTON_C
P3_BUTTON_D
TEST
P4_START
P4_UP
P4_DOWN
P4_LEFT
P4_RIGHT
P4_BUTTON_A
P4_BUTTON_B
P4_BUTTON_C
P4_BUTTON_D
SERVICE
GND

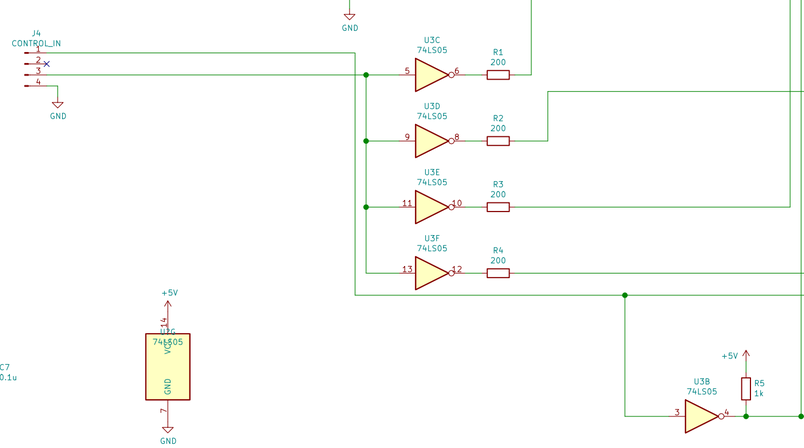

J7
PLAYER_4
+5V
GND
P4_UP
P4_DOWN
P4_LEFT
P4_RIGHT
P4_BUTTON_A
P4_BUTTON_B
P4_BUTTON_C
P4_BUTTON_D
P4_START
COIN2


J8
PLAYER_3
+5V
GND
P3_UP
P3_DOWN
P3_LEFT
P3_RIGHT
P3_BUTTON_A
P3_BUTTON_B
P3_BUTTON_C
P3_BUTTON_D
P3_START
COIN1


C1
22u
C2
0.1u
C3
0.1u
C4
0.1u
C5
0.1u
C6
0.1u
C7
0.1u
+5V
GND

U16
74LS05
+5V
GND

U3B
74LS05
R5
1k
+5V


U3C
74LS05
U3D
74LS05
U3E
74LS05
U3F
74LS05
R1
200
R2
200
R3
200
R4
200

U6
74HCT244
R?
300
1k
+5V
GND
P1_START
P2_START
P3_START
P4_START
START1
START2
C?
33pF