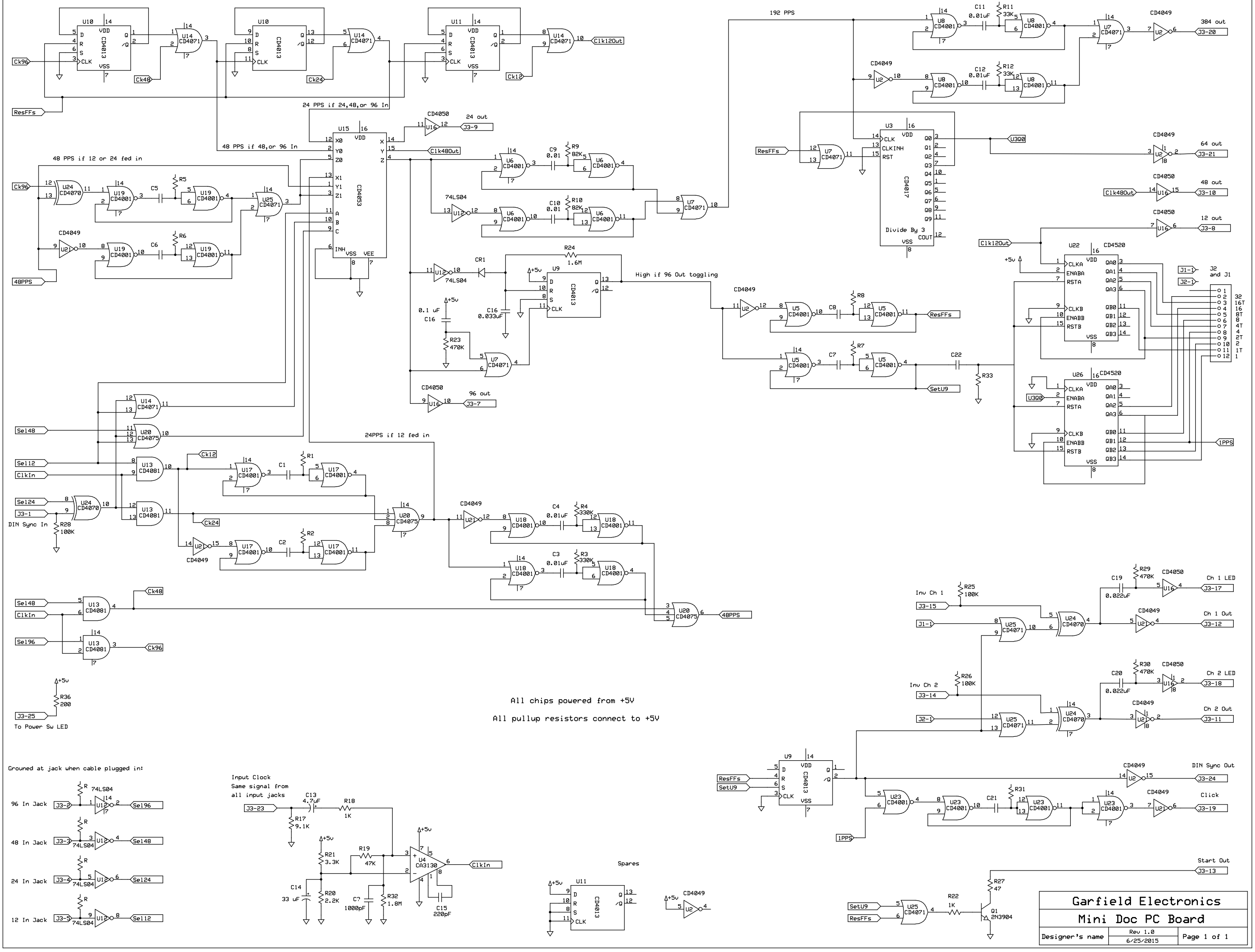
Ck96
Ck48
Ck24
Ck12
Clk12Out
ResFFs
24 PPS if 24,48,or 96 In
48 PPS if 48,or 96 In
48 PPS if 12 or 24 fed in
CD4050
24 out
J3-9
Clk48Out
74LS04
96 out
J3-7
192 PPS
384 out
J3-20
64 out
J3-21
48 out
J3-10
12 out
J3-8
U300
Divide By 3
High if 96 Out toggling
SetU9
48PPS
24PPS if 12 fed in
Sel48
Sel12
ClkIn
Sel24
Sel96
J3-1
DIN Sync In
R28
100K
Ck12
Ck24
CD4049
Ck48
Ck96
Clk12Out
Input Clock
Same signal from
all input jacks
J3-23
ClkIn
All chips powered from +5V
All pullup resistors connect to +5V
Grounded at jack when cable plugged in:
96 In Jack
48 In Jack
24 In Jack
12 In Jack
J3-2
J3-3
J3-4
J3-5
Sel96
Sel48
Sel24
Sel12
J3-25
R36
200
To Power Sw LED
Spares
Inv Ch 1
Inv Ch 2
J3-15
J3-14
J1-1
J2-1
Ch 1 LED
Ch 1 Out
Ch 2 LED
Ch 2 Out
J3-17
J3-12
J3-18
J3-11
DIN Sync Out
Click
J3-24
J3-19
Start Out
J3-13
1PPS
J2
and J1
Garfield Electronics
Mini Doc PC Board
Designer's name
Rev 1.0
6/25/2015
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