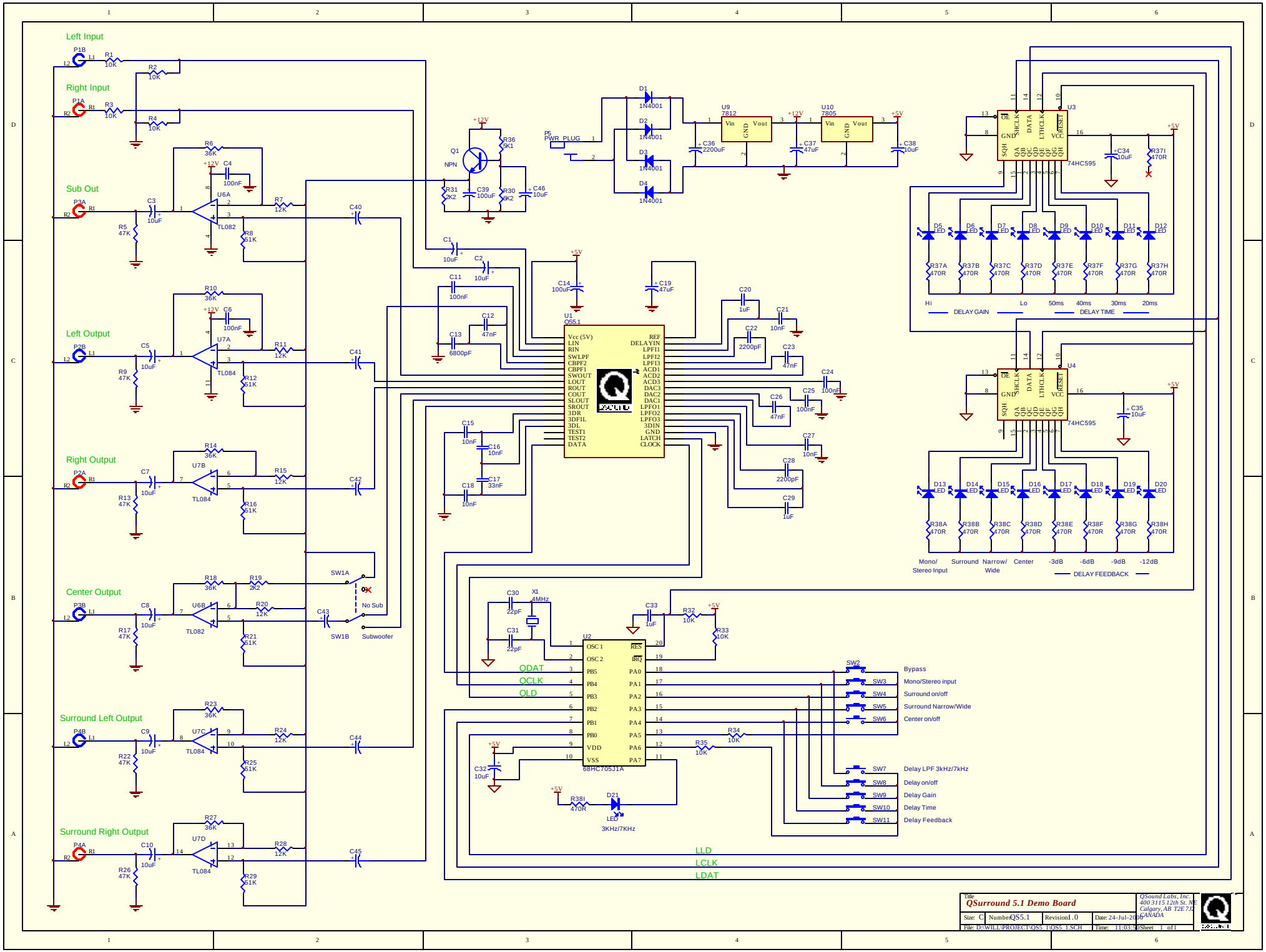
Left Input
Right Input
Sub Out
Left Output
Right Output
Center Output
Surround Left Output
Surround Right Output
QS5.1
Vcc (5V)
LIN
RIN
SWLPF
CBPF2
CBPF1
SWOUT
LOUT
ROUT
COUT
SLOUT
SROUT
3DR
3DF1L
3DL
TEST1
TEST2
DATA
REF
DELAYIN
LPFI1
LPFI2
LPFI3
ACD1
ACD2
ACD3
DAC3
DAC2
DAC1
LPFO1
LPFO2
LPFO3
3DIN
GND
LATCH
CLOCK
68HC705J1A
QDAT
QCLK
QLD
LLD
LCLK
LDAT
74HC595
DELAY GAIN
Hi
Lo
DELAY TIME
50ms
40ms
30ms
20ms
DELAY FEEDBACK
Mono/ Stereo Input
Surround
Narrow/ Wide
Center
-3dB
-6dB
-9dB
-12dB
Bypass
Mono/Stereo input
Surround on/off
Surround Narrow/Wide
Center on/off
Delay LPF 3kHz/7kHz
Delay on/off
Delay Gain
Delay Time
Delay Feedback
No Sub
Subwoofer
3KHz/7KHz
QSurround 5.1 Demo Board
QSound Labs, Inc.
400 3115 12th St. NE
Calgary, AB T2E 7J2
CANADA