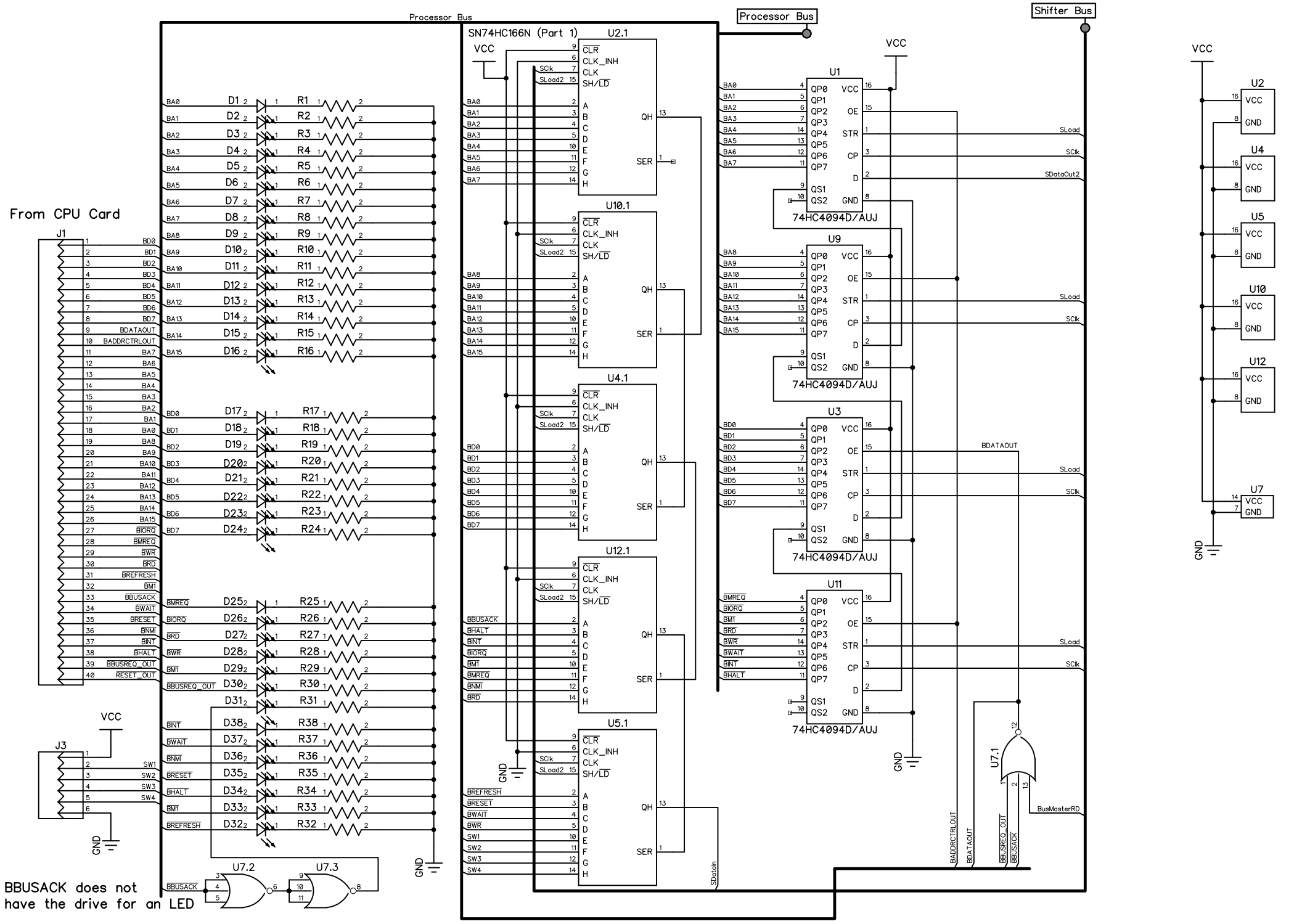
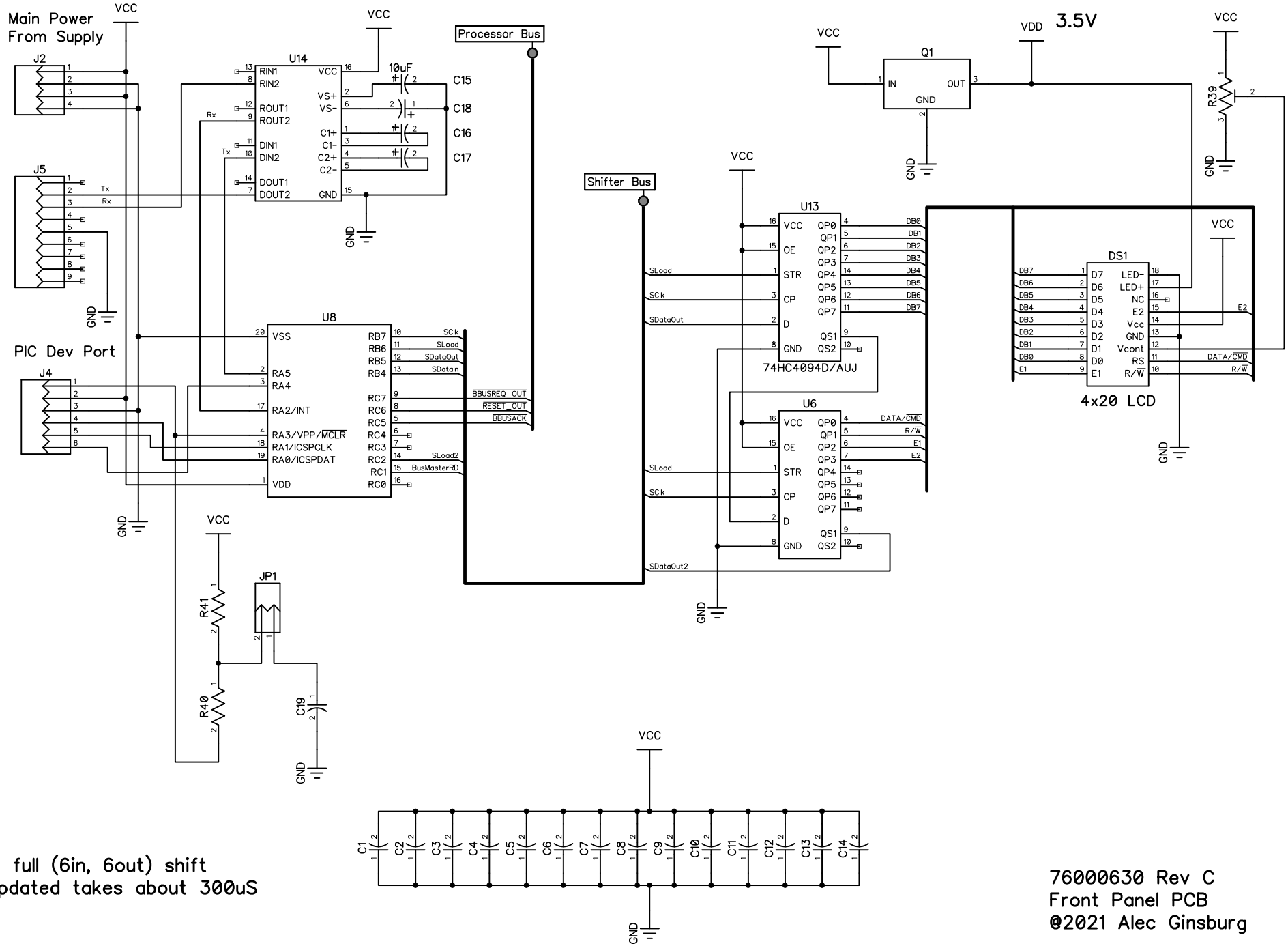

Processor Bus
Processor Bus
Shifter Bus
From CPU Card
J1
BD0
BD1
BD2
BD3
BD4
BD5
BD6
BD7
BDATAOUT
BADDRCTRLOUT
BA7
BA6
BA5
BA4
BA3
BA2
BA1
BA0
BA8
BA9
BA10
BA11
BA12
BA13
BA14
BA15
BMREQ
BIORQ
BRD
BWR
BREFRESH
BMI
BBUSACK
BWAIT
BRESET
BNMI
BINT
BHALT
BBUSREQ_OUT
RESET_OUT
J3
SW1
SW2
SW3
SW4
VCC
GND
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
D16
D17
D18
D19
D20
D21
D22
D23
D24
D25
D26
D27
D28
D29
D30
D31
D32
D33
D34
D35
D36
D37
D38
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
R18
R19
R20
R21
R22
R23
R24
R25
R26
R27
R28
R29
R30
R31
R32
R33
R34
R35
R36
R37
R38
U7.2
U7.3
BBUSACK does not
have the drive for an LED
SN74HC166N (Part 1)
U2.1
U10.1
U4.1
U12.1
U5.1
CLR
CLK_INH
CLK
SH/LD
SClk
SLoad2
SDatain
QH
SER
U1
U9
U3
U11
74HC4094D/AUJ
QP0
QP1
QP2
QP3
QP4
QP5
QP6
QP7
QS1
QS2
VCC
OE
STR
CP
D
GND
SLoad
SClk
SDataOut2
BDATAOUT
U7.1
BusMasterRD
U2
U4
U5
U10
U12
U7



@32MHz full (6in, 6out) shift
chain updated takes about 300uS

76000630 Rev C
Front Panel PCB
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