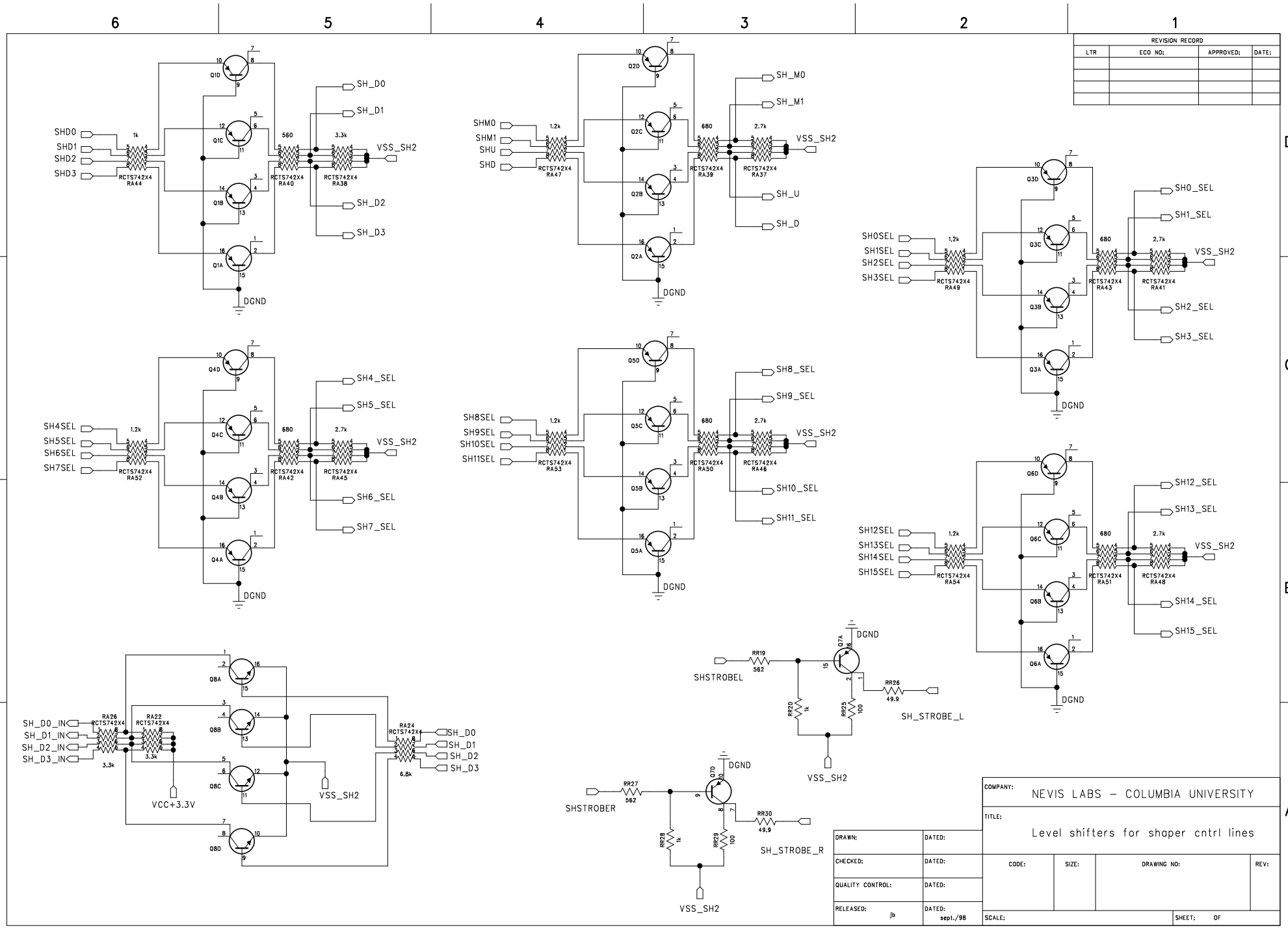
6
5
4
3
2
1
D
C
B
A
REVISION RECORD
LTR
ECO NO:
APPROVED:
DATE:
SHD0
SHD1
SHD2
SHD3
1k
RCTS742X4 RA44
Q1D
Q1C
Q1B
Q1A
560
RCTS742X4 RA40
3.3k
RCTS742X4 RA38
SH_D0
SH_D1
SH_D2
SH_D3
VSS_SH2
DGND
SHM0
SHM1
SHU
SHD
1.2k
RCTS742X4 RA47
Q2D
Q2C
Q2B
Q2A
680
RCTS742X4 RA39
2.7k
RCTS742X4 RA37
SH_M0
SH_M1
SH_U
SH_D
VSS_SH2
DGND
SH0SEL
SH1SEL
SH2SEL
SH3SEL
1.2k
RCTS742X4 RA49
Q3D
Q3C
Q3B
Q3A
680
RCTS742X4 RA43
2.7k
RCTS742X4 RA41
SH0_SEL
SH1_SEL
SH2_SEL
SH3_SEL
VSS_SH2
DGND
SH4SEL
SH5SEL
SH6SEL
SH7SEL
1.2k
RCTS742X4 RA52
Q4D
Q4C
Q4B
Q4A
680
RCTS742X4 RA42
2.7k
RCTS742X4 RA45
SH4_SEL
SH5_SEL
SH6_SEL
SH7_SEL
VSS_SH2
DGND
SH8SEL
SH9SEL
SH10SEL
SH11SEL
1.2k
RCTS742X4 RA53
Q5D
Q5C
Q5B
Q5A
680
RCTS742X4 RA50
2.7k
RCTS742X4 RA46
SH8_SEL
SH9_SEL
SH10_SEL
SH11_SEL
VSS_SH2
DGND
SH12SEL
SH13SEL
SH14SEL
SH15SEL
1.2k
RCTS742X4 RA54
Q6D
Q6C
Q6B
Q6A
680
RCTS742X4 RA51
2.7k
RCTS742X4 RA48
SH12_SEL
SH13_SEL
SH14_SEL
SH15_SEL
VSS_SH2
DGND
SH_D0_IN
SH_D1_IN
SH_D2_IN
SH_D3_IN
RA26 RCTS742X4
3.3k
RA22 RCTS742X4
3.3k
VCC+3.3V
Q8A
Q8B
Q8C
Q8D
VSS_SH2
RA24 RCTS742X4
6.8k
SH_D0
SH_D1
SH_D2
SH_D3
SHSTROBEL
RR19
562
Q7A
DGND
RR20
1k
RR25
100
RR26
49.9
SH_STROBE_L
VSS_SH2
SHSTROBER
RR27
562
Q7D
DGND
RR28
1k
RR29
100
RR30
49.9
SH_STROBE_R
VSS_SH2
DRAWN:
DATED:
CHECKED:
DATED:
QUALITY CONTROL:
DATED:
RELEASED:
Jb
DATED:
sept./98
COMPANY:
NEVIS LABS – COLUMBIA UNIVERSITY
TITLE:
Level shifters for shaper cntrl lines
CODE:
SIZE:
DRAWING NO:
REV:
SCALE:
SHEET:
OF