STUDENT EXAM

J4
Conn_01x04
HIGH — 1
HIGH_1 — 2
HIGH_2 — 3
4
GND

J5
Conn_01x04
1 — LOW
2 — LOW_1
3 — LOW_2
4
GND

HIGH
R2
10k
HIGH_1
LOW
Q1
Q_NMOS_SGD
R7
10k
LOW_1

HIGH
R3
10k
HIGH_2
LOW
Q2
Q_NMOS_SGD
R8
10k
LOW_2

VCC

H1
MountingHole_Pad

J1
Barrel_Jack

H2
MountingHole_Pad
GND

INSTRUCTOR DEMO

U1
LM340
VI 5.0V GND VO
C1
0.22uF
GND
GND
330 R1
LED D1
GND
C2
0.1uF
GND

J2
1 2
3 4
5 6
7 8
GND

SW1A
EG2209A

STUDENT PRACTICE

SW1B
VOUT
EG2209A

U2
LM2937
VI 3.3V GND VO
C4
0.22uF
GND
GND
330 R6
LED D2
GND
C5
0.1uF
GND

J3
1 2
3 4
5 6
7 8
C6 0.1uF
C3 0.1uF
GND

R14
10k
R13
10k
R12
10k
R11
10k