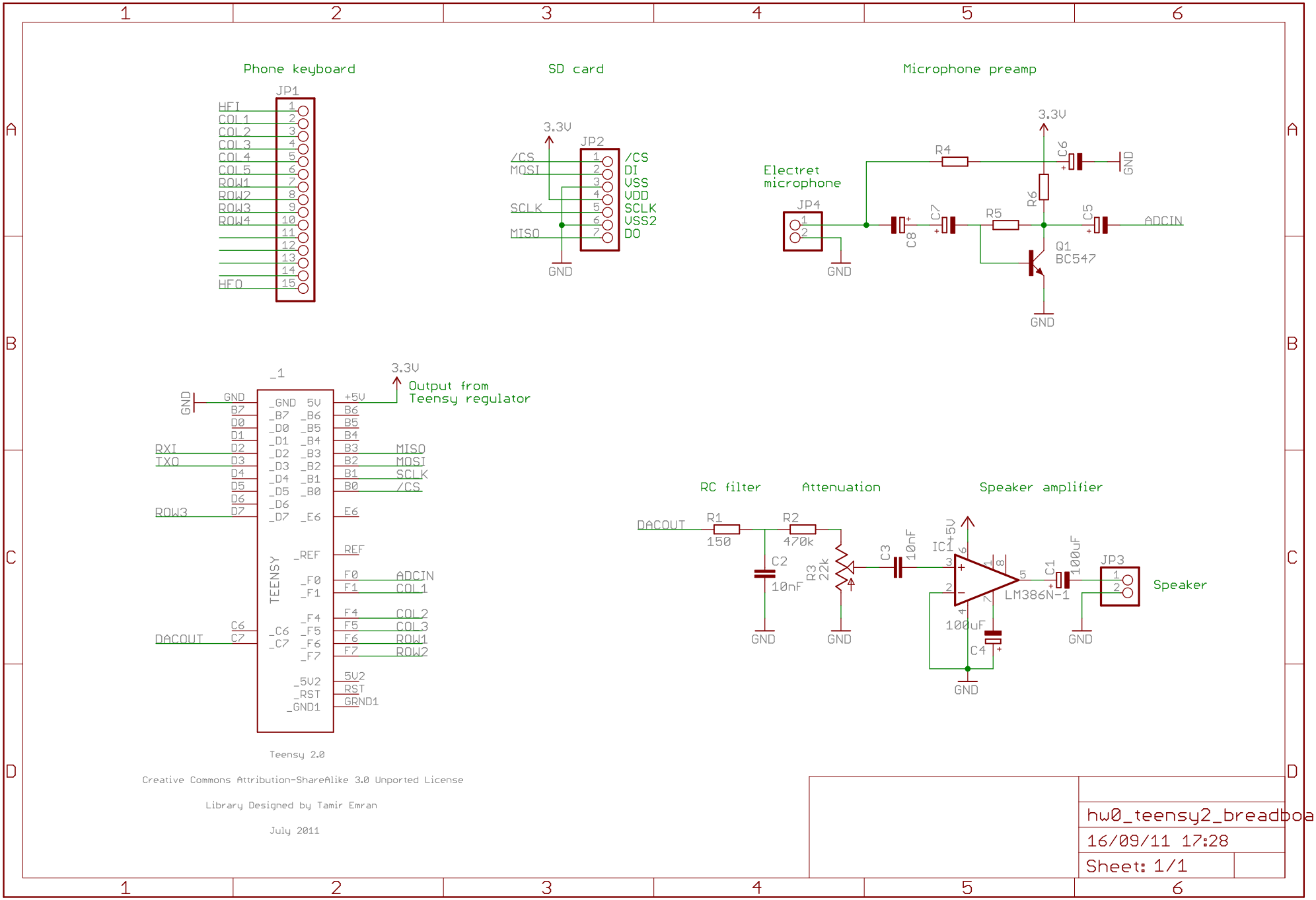
Phone keyboard
JP1
HFI
COL1
COL2
COL3
COL4
COL5
ROW1
ROW2
ROW3
ROW4
HFO
SD card
3.3V
JP2
/CS
MOSI
SCLK
MISO
/CS
DI
VSS
VDD
SCLK
VSS2
DO
GND
Microphone preamp
3.3V
Electret microphone
JP4
R4
C6
GND
R6
C7
R5
C5
ADCIN
C8
Q1
BC547
GND
_1
3.3V
Output from Teensy regulator
GND
RXI
TXO
ROW3
DACOUT
TEENSY
MISO
MOSI
SCLK
/CS
ADCIN
COL1
COL2
COL3
ROW1
ROW2
RST
GRND1
Teensy 2.0
RC filter
Attenuation
Speaker amplifier
DACOUT
R1
150
R2
470k
C2
10nF
R3
22k
C3
10nF
IC1
+5V
LM386N-1
C1
100uF
JP3
Speaker
100uF
C4
GND
Creative Commons Attribution-ShareAlike 3.0 Unported License
Library Designed by Tamir Emran
July 2011
hw0_teensy2_breadboard
16/09/11 17:28
Sheet: 1/1