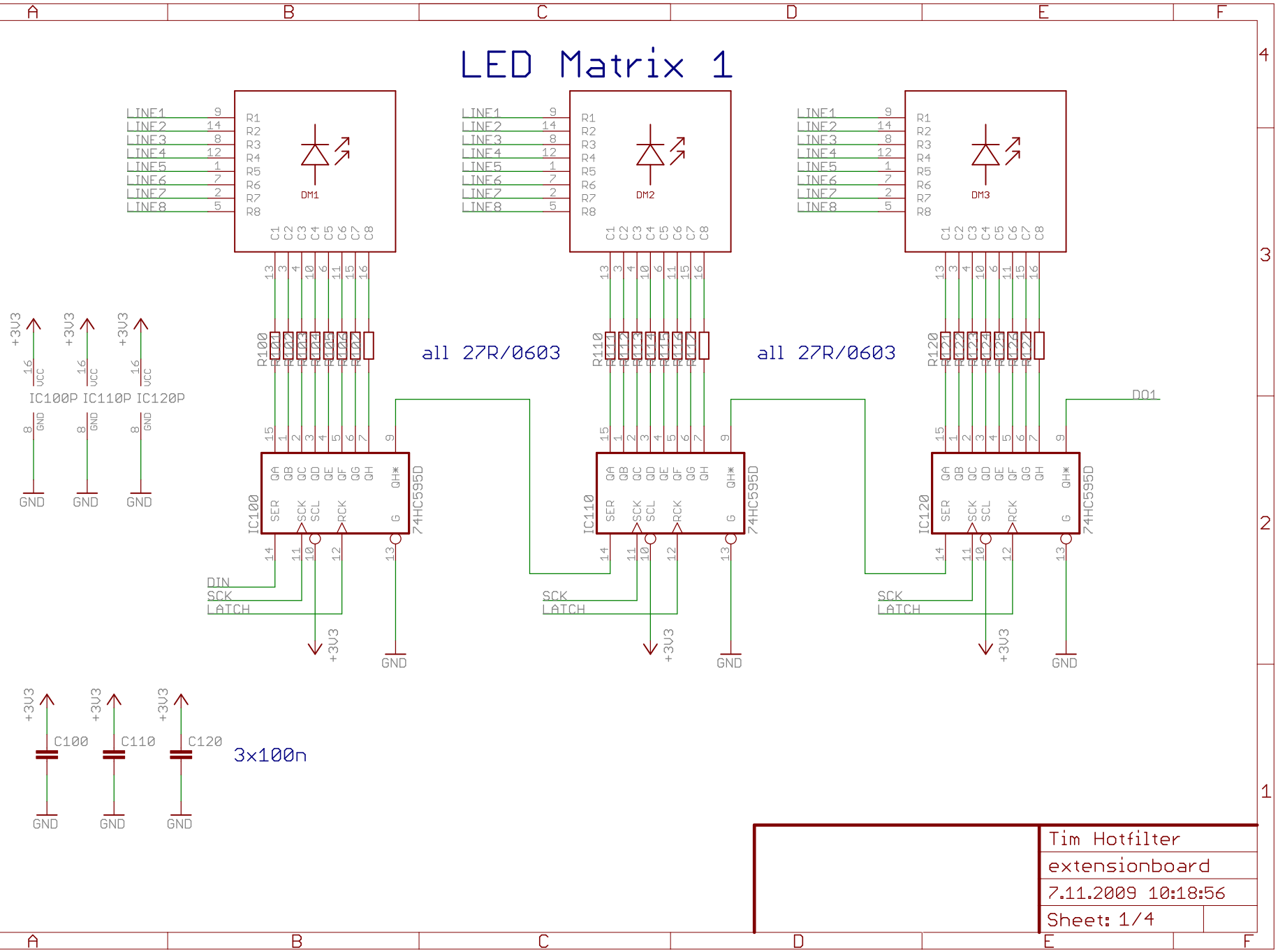
LED Matrix 1



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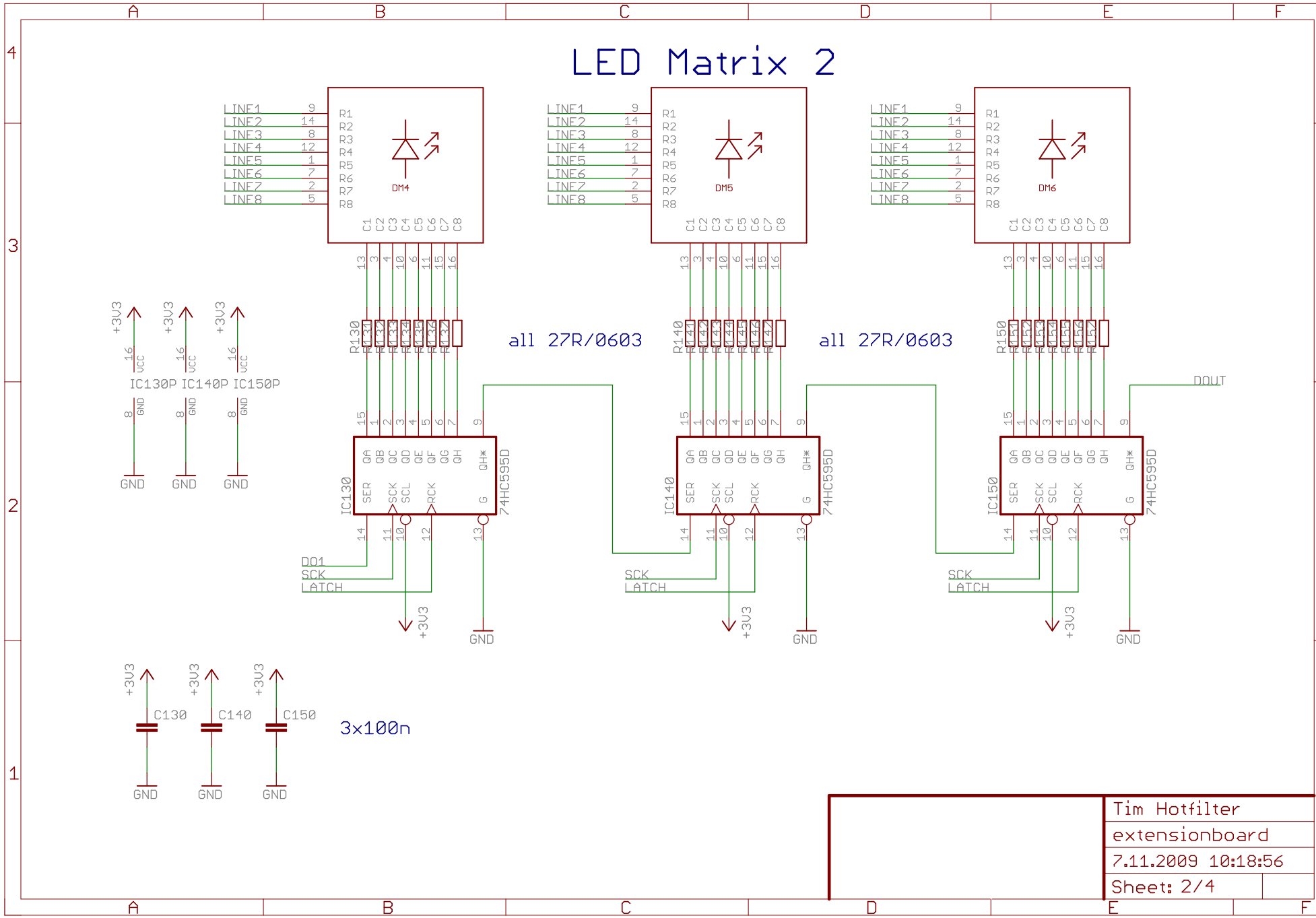
LED Matrix 2
LINE1
LINE2
LINE3
LINE4
LINE5
LINE6
LINE7
LINE8
R1
R2
R3
R4
R5
R6
R7
R8
DM4
DM5
DM6
C1
C2
C3
C4
C5
C6
C7
C8
R130
R140
R150
all 27R/0603
all 27R/0603
+3V3
VCC
IC130P IC140P IC150P
GND
IC130
IC140
IC150
74HC595D
SER
SCK
SCL
RCK
G
QH*
DO1
SCK
LATCH
DOUT
C130
C140
C150
3x100n
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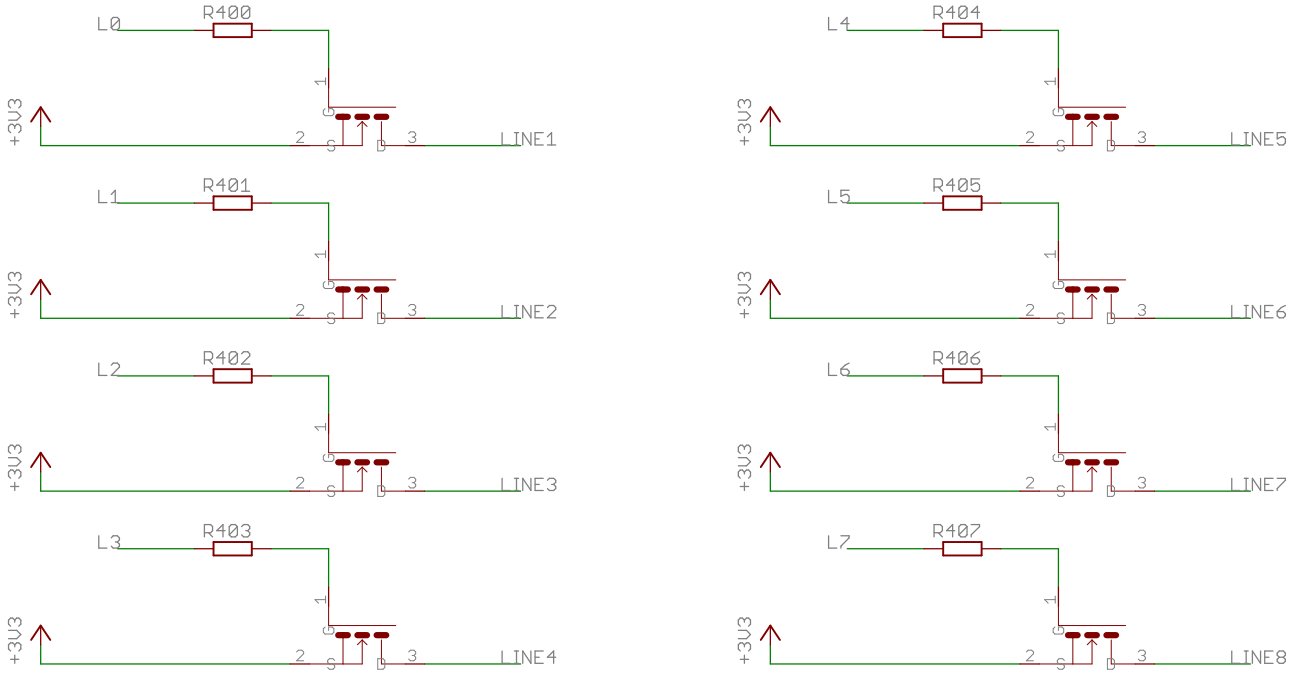
MOSFETs



all R = 10k

Mosfets = IRLML6401

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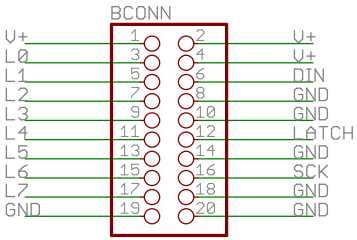
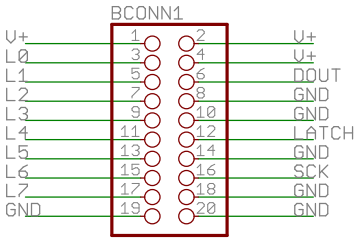
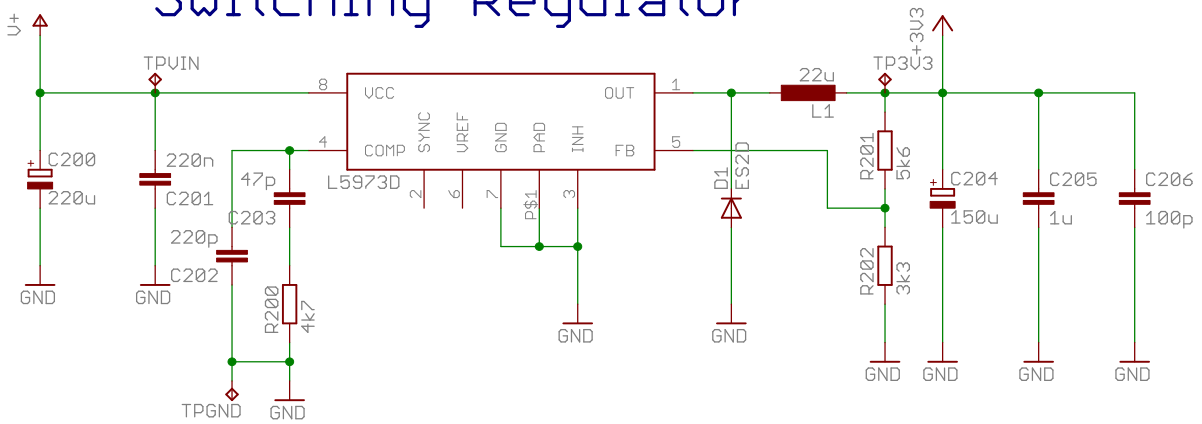
Input Port



Extension Port



Switching Regulator



Tim Hotfilter	
extensionboard	
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