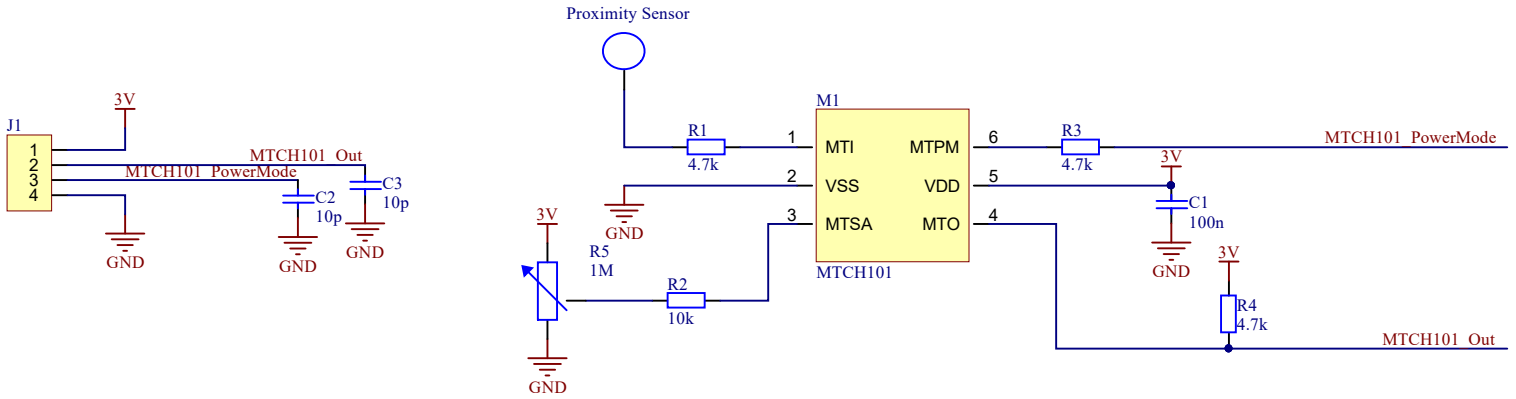
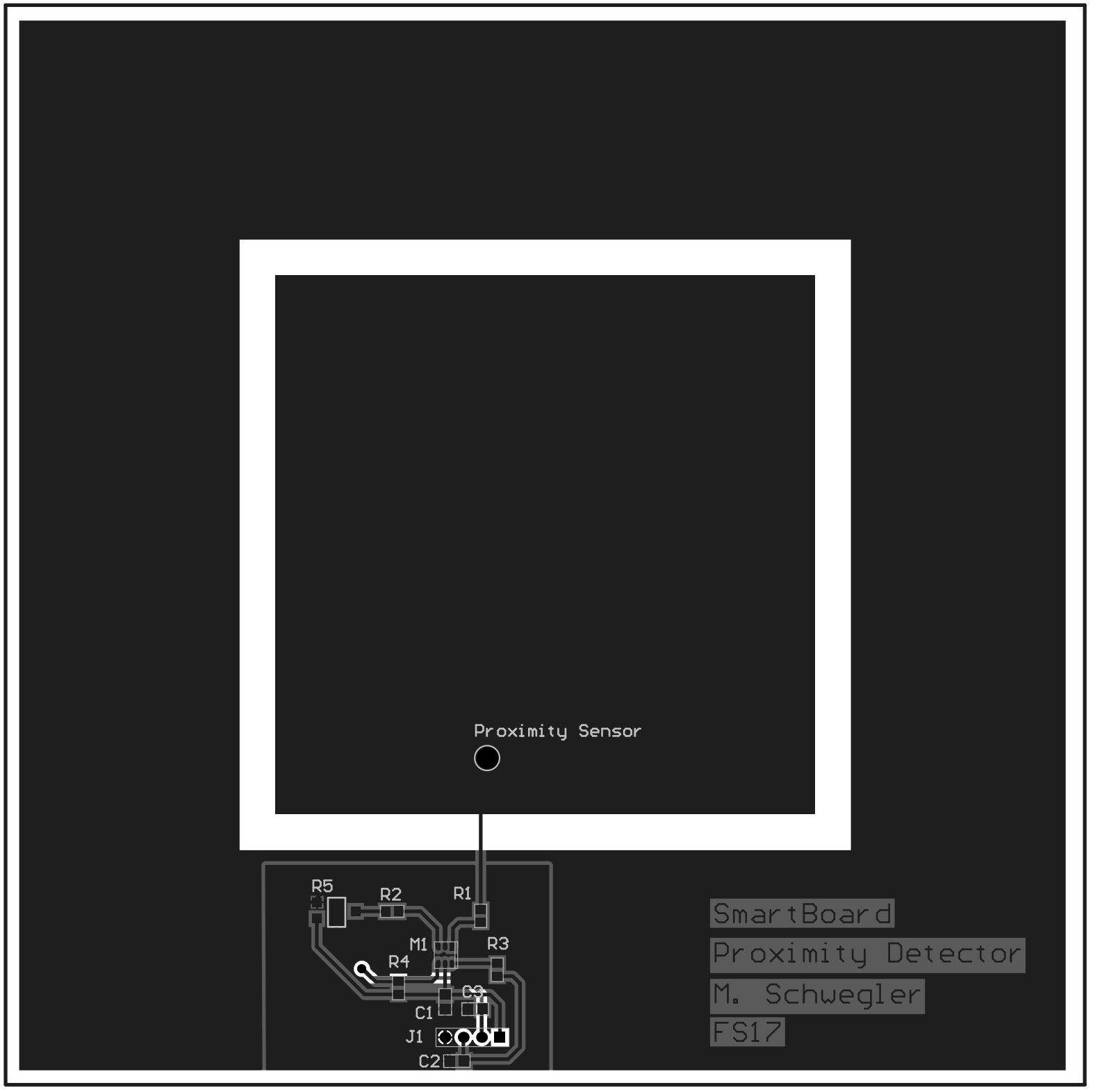


Proximity Detector		
Project: SmartBoard	Size: A4	Rev.: v1
Drawn by: M. Schwegler	Sheet 1 of 1	
Date: 13.03.2017 File: ProximityDetector.SchDoc		


Proximity Sensor
R5
R2
R1
M1
R3
R4
C3
C1
J1
C2
SmartBoard
Proximity Detector
M. Schwegler
FS17

Comment	Description	Designator	Footprint	LibRef	Quantity
100n	Cap	C1	0805_C	Cap	1
10p	Cap	C2, C3	0805_C	Cap	2
Value		J1	CON_THT_4P_RM2.54	CON_4P	1
MTCH101		M1	SOT23-6	MTCH101	1
Detector		Proximity Sensor	Hole_1.3mm	Detector	1
4.7k	Res	R1, R3, R4	0805_R	Res	3
10k	Res	R2	0805_R	Res	1
1M	Variabler Widerstand	R5	Poti	R? {RPAR}	1