

1

2

3

4

A

B

C

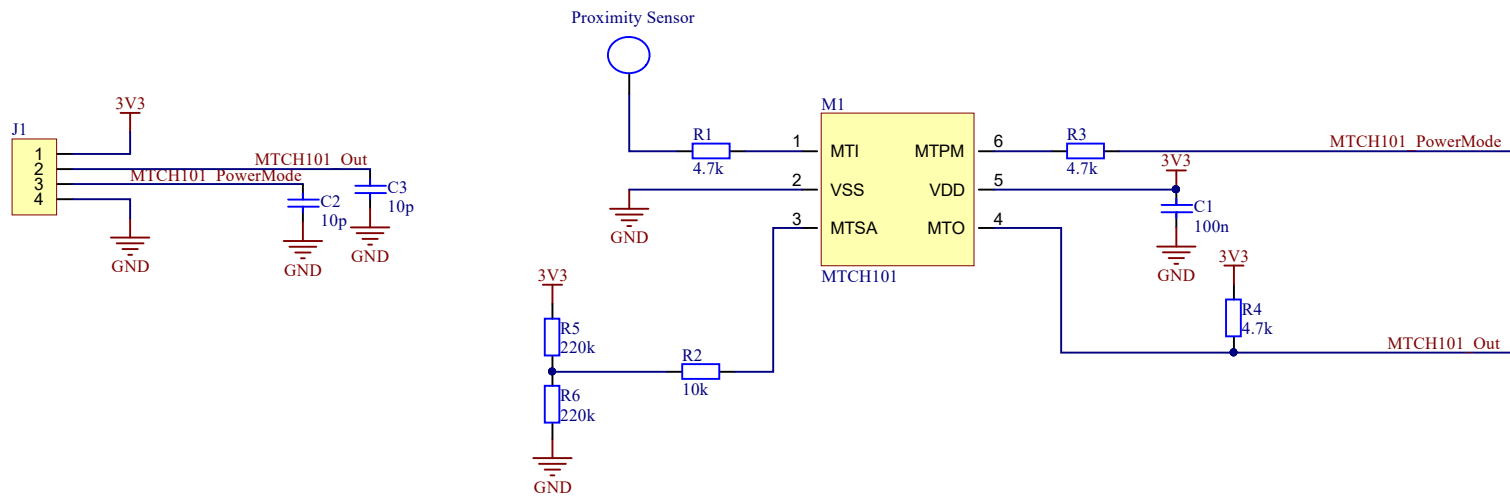
D

A

B

C

D



## Proximity Detector

Project: SmartBoard

Size: A4 Rev.: v1

Drawn by: M. Schwegler

Sheet 1 of 1

Date: 04.04.2017

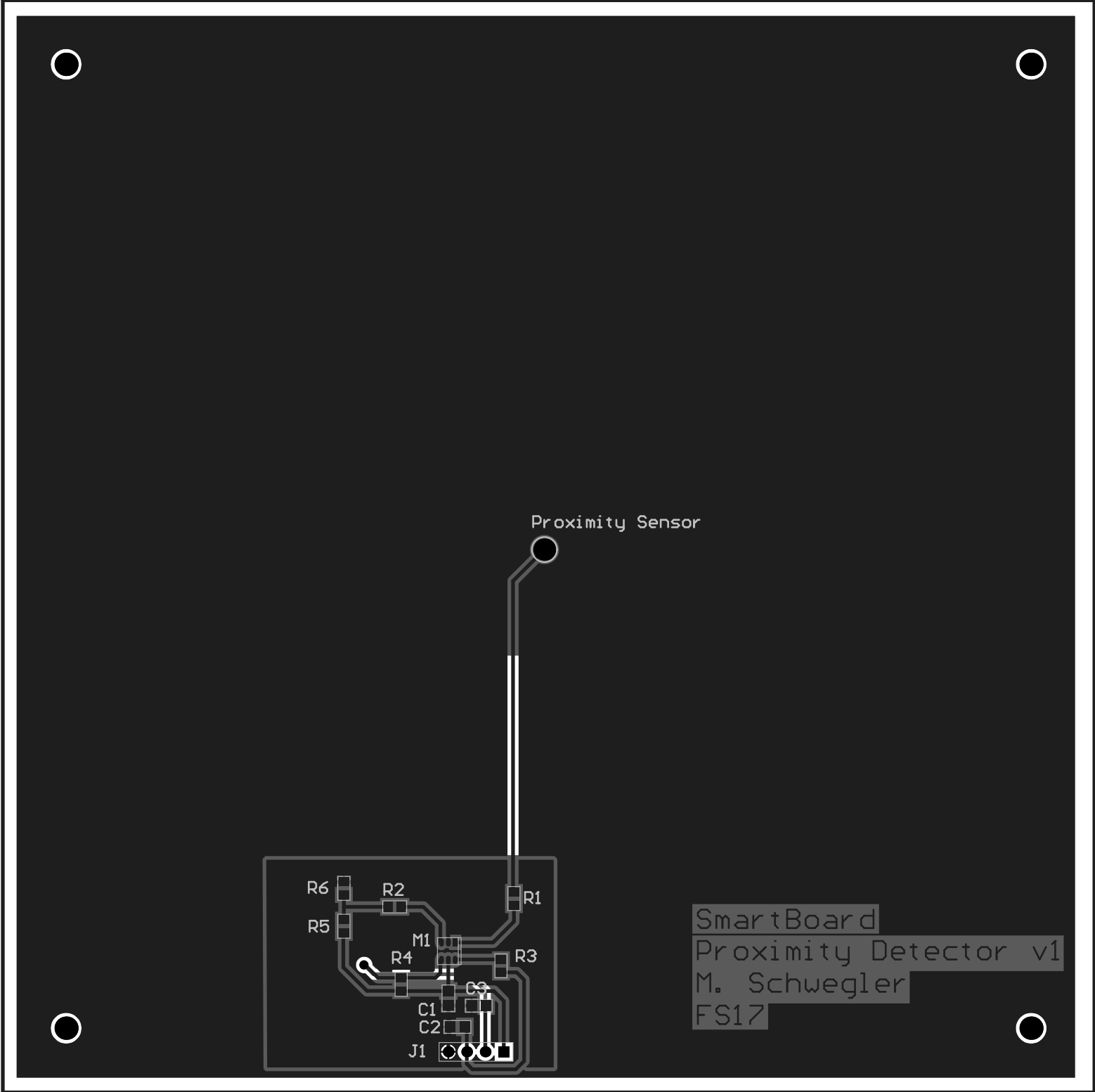
File: ProximityDetector.SchDoc

1

2

3

4



Proximity Sensor

SmartBoard  
Proximity Detector v1  
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
220k	Res	R5, R6	0805_R	Res	2