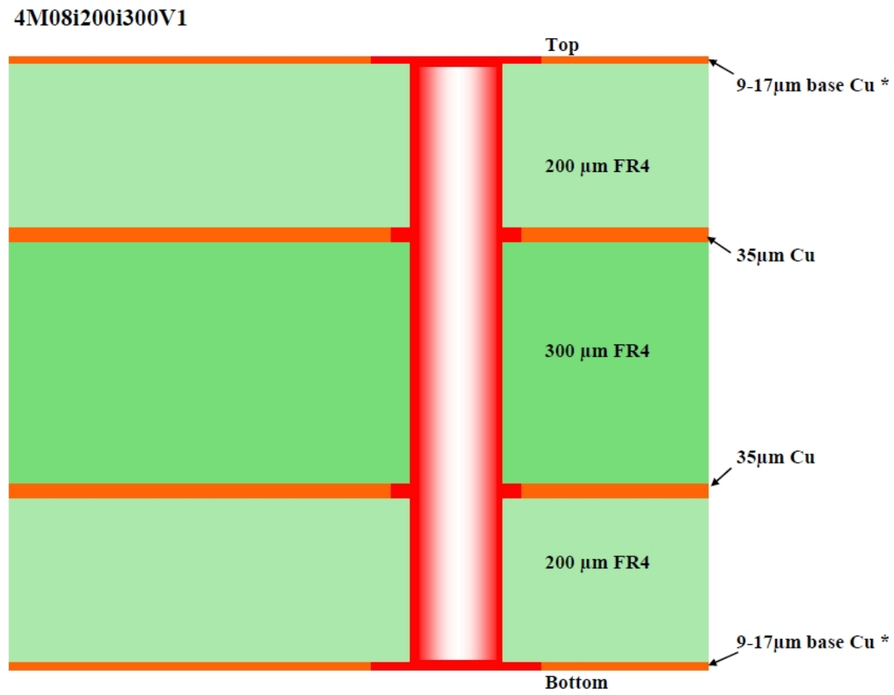
WMI

Table of Contents

PCB-Stackup

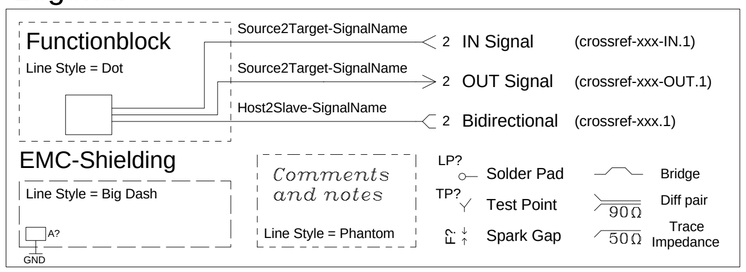


Tolerance: For each listed base material (Prepreg, Core) acc. to IPC-4101 Class C/M

* Final Copper-thickness (base Cu + plating) acc. to IPC-6012 Class II

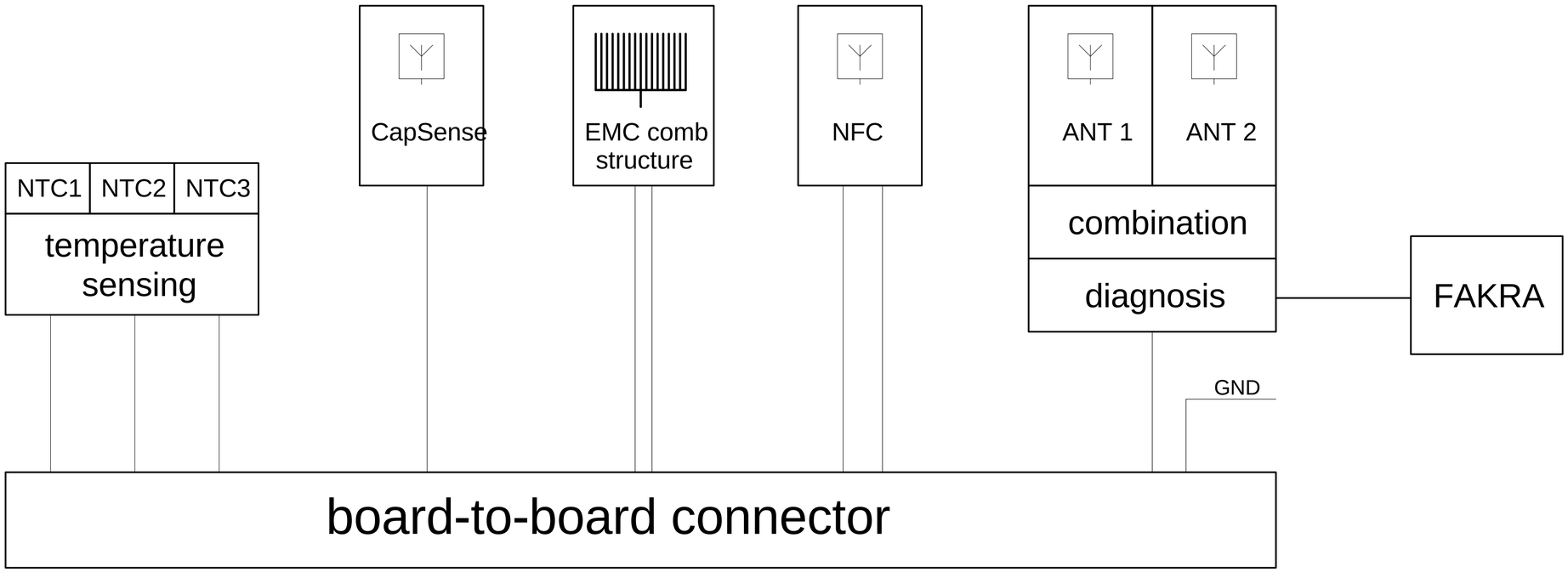
The PCB-thickness (over all dimension) is a result of the addition of the multilayer thickness plus copper plating and plus soldermask = **0.9 mm ± 10%**

Legend:

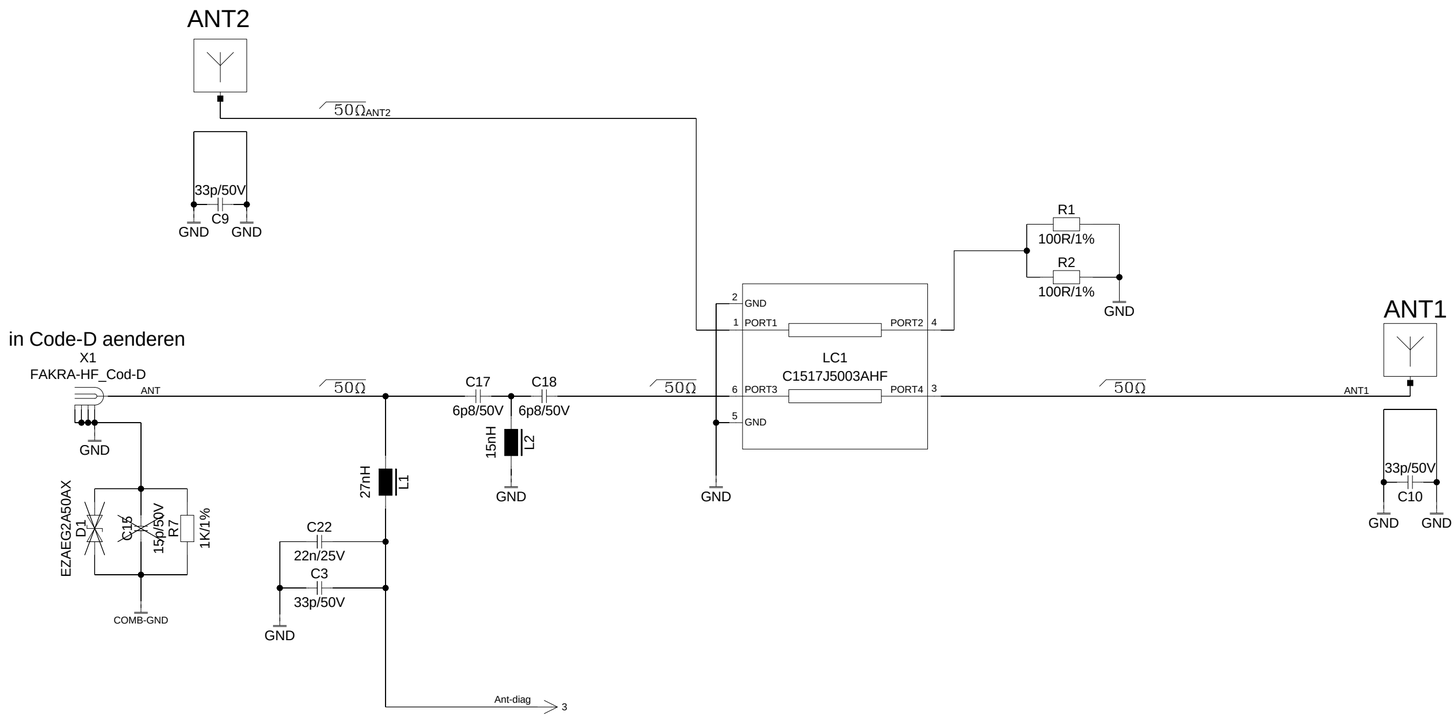


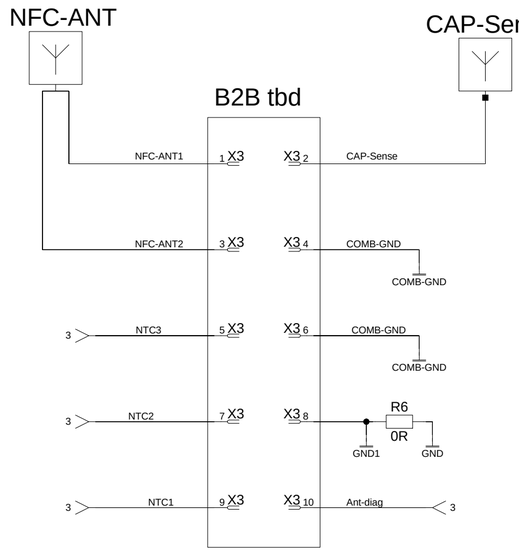
EP2015/005			Copyright Protection according to DIN 34 / DIN ISO 16016		CAD-CODE: LP1450-5	V1240-305	Page: 1 of 3
Substitute for:					Printed: 15-11-2017 / 13:55		
				Date	Name	Schematic V1240-305/LP1450-5	
			Drawn	10.11.17	Bock		
			Check.			WMI02 ANT BR205 DAG	
			Viewed				
Revision	Date	Name				Valeo	2189-240-305-00

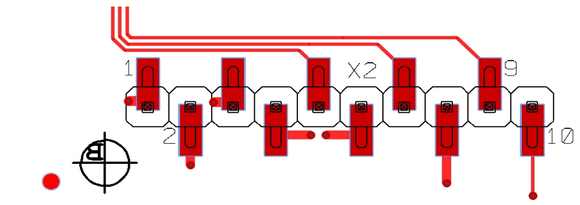
Block Diagram

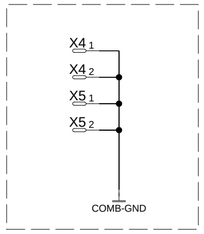


EP2015/005			Copyright Protection according to DIN 34 / DIN ISO 16016		CAD-CODE: LP1450-5	V1240-305	Page:
Substitute for:					Printed: 15-11-2017 / 13:55		2 of 3
				Date	Name	Schematic V1240-305/LP1450-5	
			Drawn	10.11.17	Bock		
			Check.	see page 1		WMI02 ANT BR205 DAG	
			Viewed	see page 1			
Revision	Date	Name				Valeo	2189-240-305-00

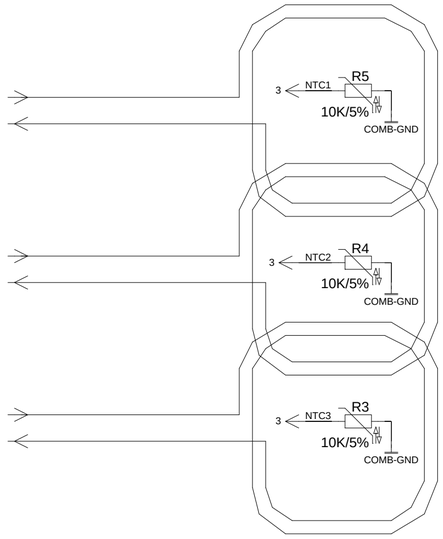








Shield Clips



pin-no.	signal name	signal description
pin 1	NFC-ANT1	NFC antenna first pin
pin 2	CAP-Sense	capacitive sensor antenna
pin 3	NFC-ANT2	NFC antenna second pin
pin 4	COMB-GND	GND connection comb structure
pin 5	NTC3	temperature sensor third coil
pin 6	COMB-GND	GND connection comb structure
pin 7	NTC2	temperature sensor second coil
pin 8	GND1 Ant-diag-diff2	common GND,antenna-diag, minus
pin 9	NTC1	temperature sensor first coil
pin 10	Ant-diag Ant-diag-diff1	diagnosis output external antenna

EP2015/005			Copyright Protection according to DIN 34 / DIN ISO 16016		CAD-CODE: LP1450-5	V1240-305	Page:
Substitute for:					Printed: 15-11-2017 / 13:55		3 of 3
				Date	Name	Schematic V1240-305/LP1450-5	
			Drawn	10.11.17	Bock		
			Check.	see page 1		WMI02 ANT BR205 DAG	
			Viewed	see page 1			
Revision	Date	Name				Valeo	2189-240-305-00