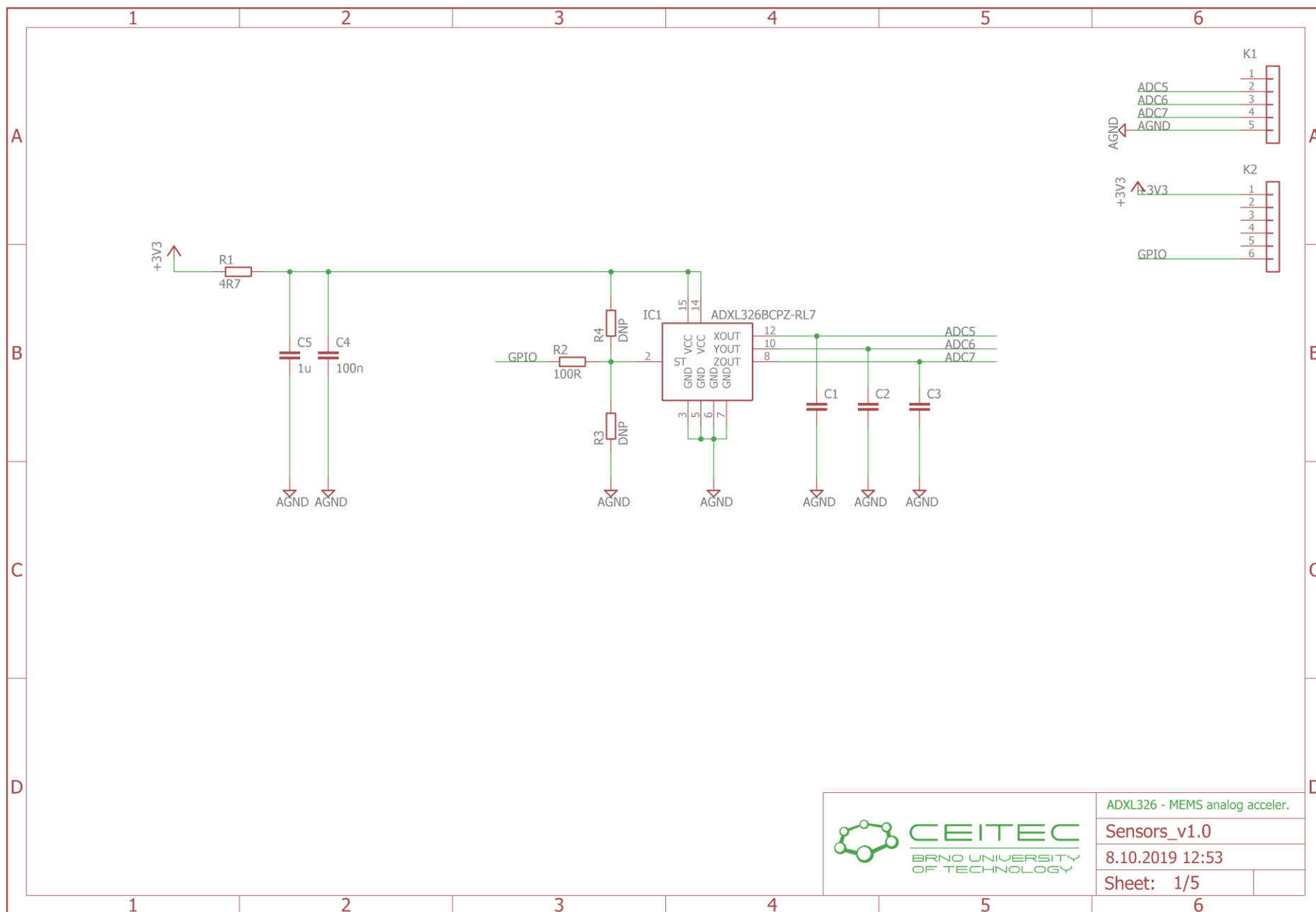


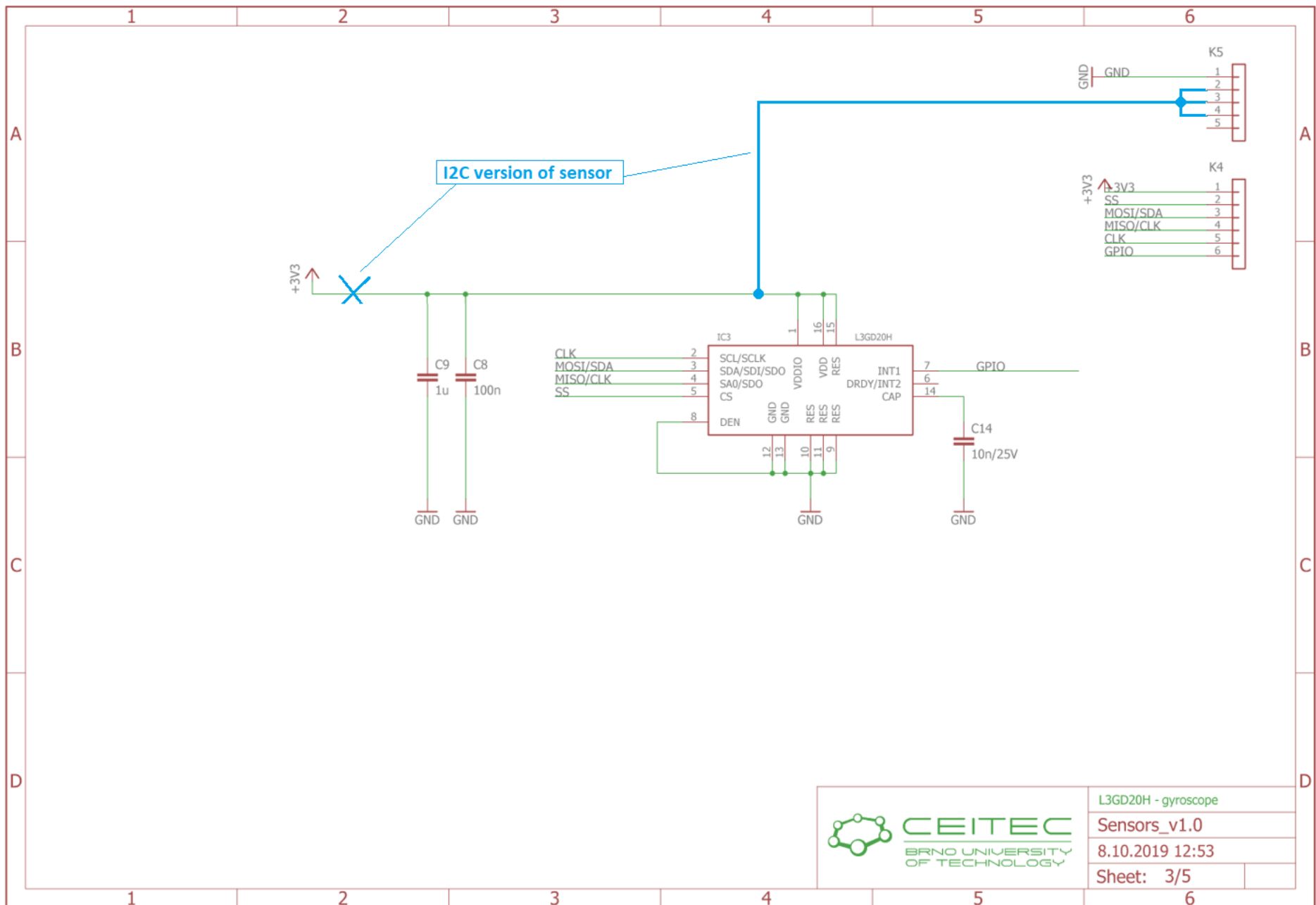
BUT SlotCar Sensors boards

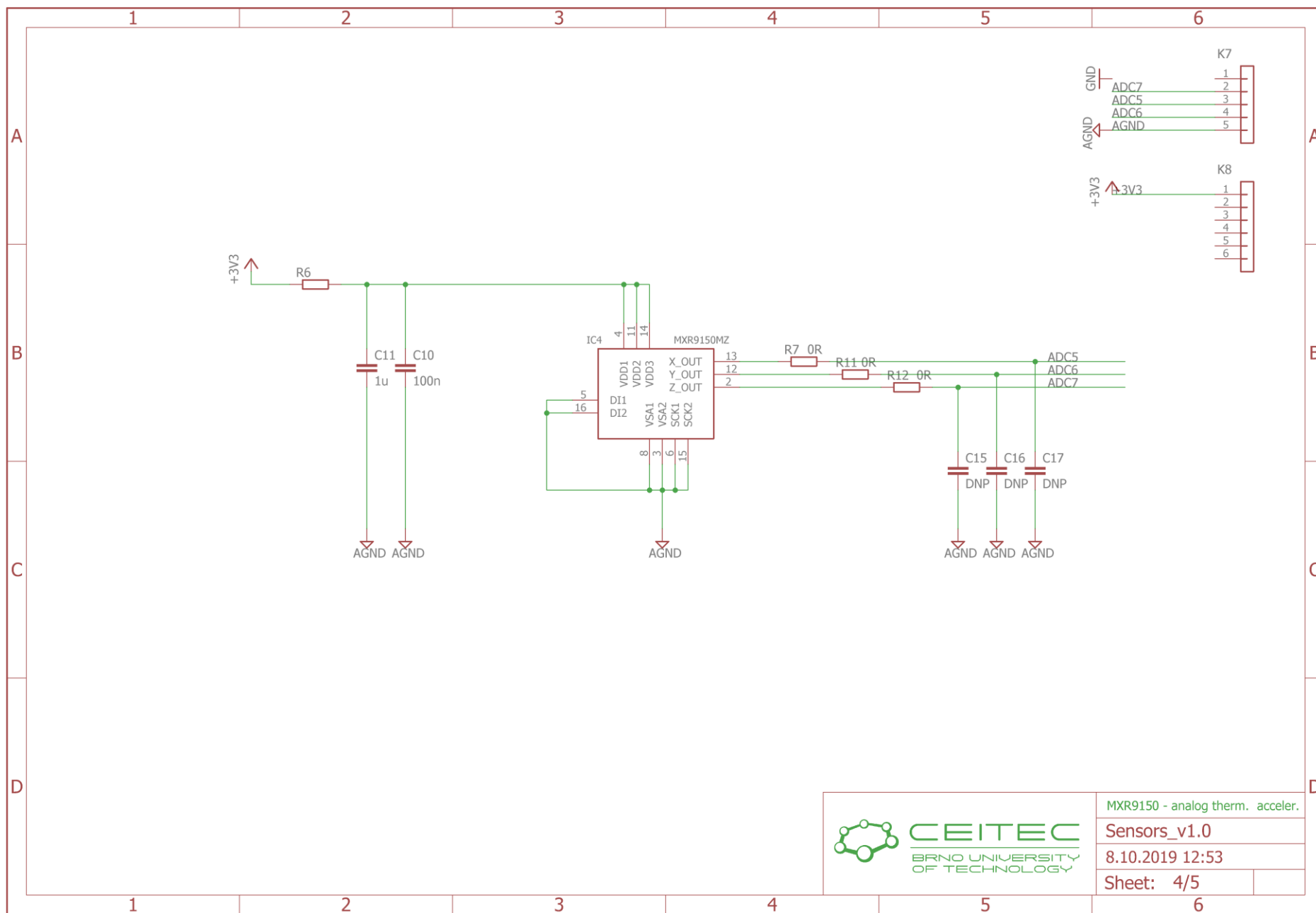
- All passive components are 0805 size
- All components are placed from the TOP side only
- DNP means Do Not Populate
- Some DNP components can be populated (e.g. as the I2C pull-ups, self-test functionality, I2C/SPI bus etc.). For the details see datasheets.
- Missing values of some components should be calculated according to the application requirements.
- Do not populate all connectors (K1 ... K10).
- Please find BOM at the end of this document

Changes:

v2 – change of the supply voltage rail for I2C versions (connected to pins 2,3,4 of K1)







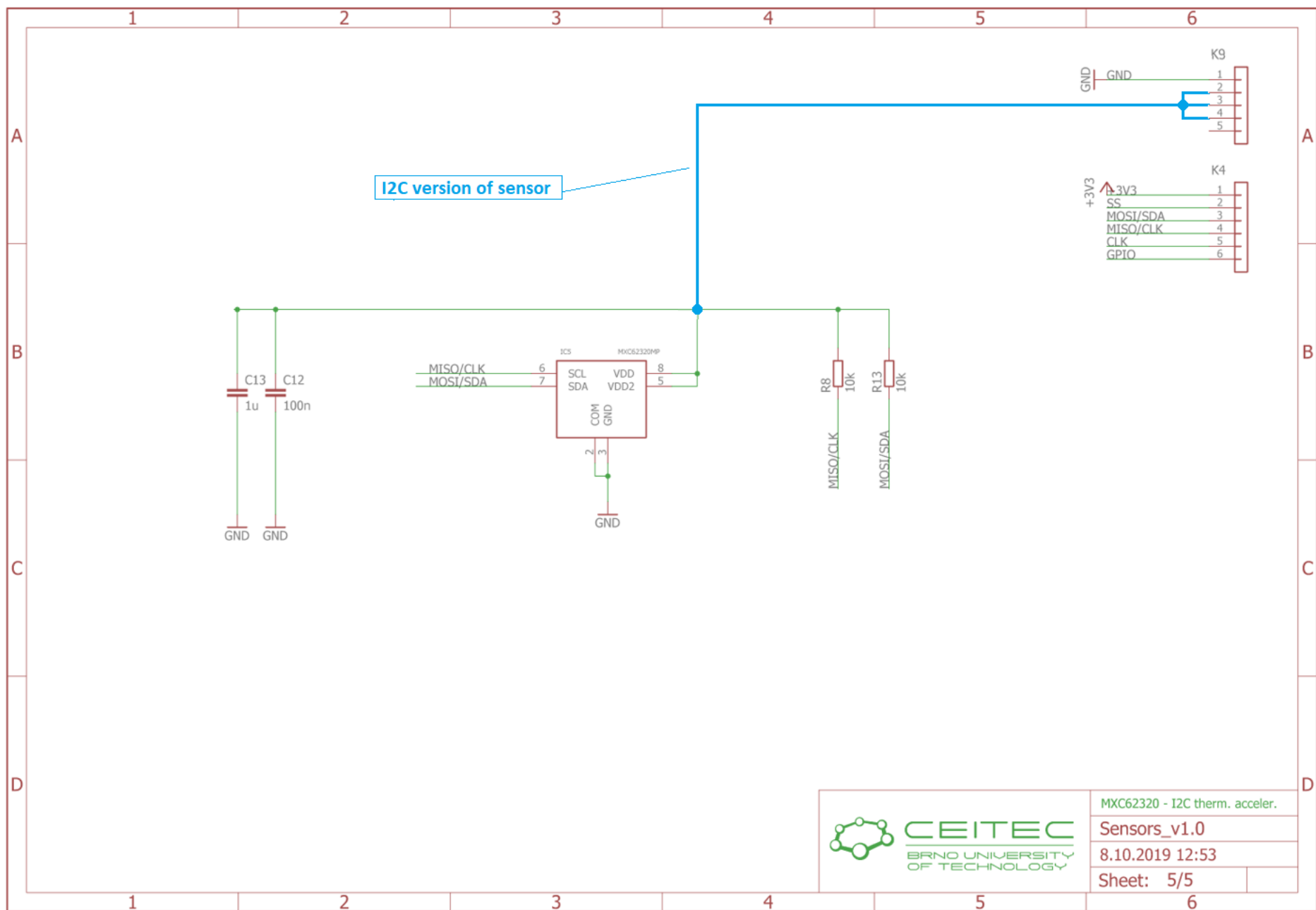
CEITEC
BRNO UNIVERSITY
OF TECHNOLOGY

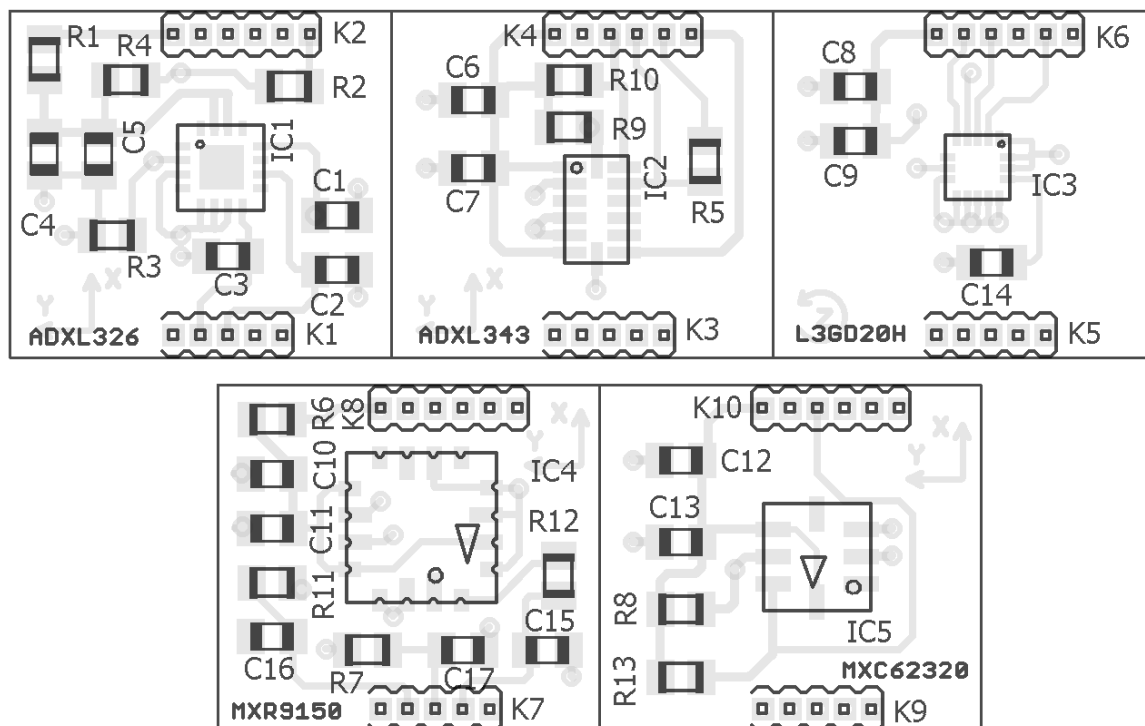
MXR9150 - analog therm. acceler.

Sensors_v1.0

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Qty	Value	Device	Package	Parts
3		C-EUC0805K	C0805K	C1, C2, C3
3	OR	R-EU_M0805	M0805	R7, R11, R12
1	100R	R-EU_M0805	M0805	R2
5	100n	C-EUC0805K	C0805K	C4, C6, C8, C10, C12
2	10k	R-EU_M0805	M0805	R8, R13
1	10n/25V	C-EUC0805K	C0805K	C14
5	1u	C-EUC0805K	C0805K	C5, C7, C9, C11, C13
2	4R7	R-EU_M0805	M0805	R1, R6
1	ADXL326BCPZ-RL7	ADXL326	LFCSP-LQ-16	IC1
1	ADXL343BCCZ	ADXL343BCCZ	LGA14(CC-14-1)	IC2
3	DNP	C-EUC0805K	C0805K	C15, C16, C17
5	DNP	R-EU_M0805	M0805	R3, R4, R5, R9, R10
1	L3GD20H	L3GD20H	LGA16L	IC3
1	MXC62320MP	MXC62320MP	LCC8	IC5
1	MXR9150MZ	MXR9150MZ	LCC16	IC4