

Bill of Materials

SENSOR BOARD ver1.0

Project:	Linefollower_sensor.PrjPcb							
Author:	Patryk Matusiak							
Date:	02.03.2021							
Designator	Description	Part_number	Quantity	Package	Value	Tolerance	Manufacturer	Comment
C1, C2, C3, C4, C5, C6, C7, C8	Capacitor		8	0603	100nF			100nF 0603
C9	Capacitor		1	0603	22uF			22uF 0603
C10	Capacitor		1	0603	10uF			10uF 0603
C11	Capacitor_Polarity		1	SMD_A	2.2uF			2.2uF SMD_A
CZ1, CZ2, CZ3, CZ4, CZ5, CZ6, CZ7, CZ8	Photo Interrupter Phototransistor SMD	KTIR0711s	8	Own			Kingbright	Own KTIR0711s
D1	LED; SMD; 0603; green 40mcd; 1,6x0,8x0,8mm; 130°; 2÷2.6V	FYLS-0603UGC	1	0603			Foryard	0603 FYLS-0603UGC
J1	Connector Molex FFC 1mm 10 PIN	52207-1033	1	PIN10, SMD, 1mm			Molex	PIN10, SMD, 1mm 52207-1033
R1, R3, R5, R7, R9, R11, R13, R15	Resistor		8	0603	150R			150R 0603
R2, R4, R6, R8, R10, R12, R14, R16	Resistor		8	0603	20K			20K 0603
R17	Resistor		1	0603	10K			10K 0603