

# MBot LineSensor BOM

ID	Name	Designator	Footprint	Quantity
1	100nF	C1	C0603	1
2	4.7uF	C2	C0603	1
3	X6511WV-04H-C30D60	H1	HDR-TH_4P-P2.54-V-M	1
4	2N7002_R1_00001	Q1	SOT-23-3_L2.9-W1.3-P1.90-LS2.4-BR	1
5	220Ω	R1,R2,R3,R4,R5,R6,R7	R0603	7
6	68kΩ	R8,R9,R10,R11,R12,R13,R14	R0603	7
7	10kΩ	R15,R16	R0603	2
8	1.5kΩ	R17,R18	R0603	2
9	Reflective Photo Interrupter	U1,U2,U3,U4,U5,U6,U7	SW-SMD_4P-L4.0-W3.0_ITR1502SR40A-TR8	7
10	PCA9557PW,118	U8	TSSOP-16_L5.0-W4.4-P0.65-LS6.4-BL	1