

Line-follow Robot.bom.txt

Partlist exported from C:/Desarrollo/Proyectos/Robot
siguelineas/PCBs/Line-follow Robot.sch

Part	Value	Device	Package	Description
Resistor				
R1	220R	RESEU-10	R-10	
R2	220R	RESEU-10	R-10	
R3	10K	TRIM_EU-PT10	PT-10	POTENTIOMETER
R4	10K	RESEU-10	R-10	
R5	33K	RESEU-10	R-10	
R6	330K	RESEU-10	R-10	
R7	2K2	RESEU-10	R-10	
R8	220R	RESEU-10	R-10	
R9	10K	RESEU-10	R-10	
R10	33K	RESEU-10	R-10	
R11	330K	RESEU-10	R-10	
R12	2K2	RESEU-10	R-10	
R13	220R	RESEU-10	R-10	
R14	220R	RESEU-10	R-10	
R15	10K	TRIM_EU-PT10	PT-10	POTENTIOMETER
Capacitor				
C1	4u7 10V Ta	ELC-2,5L	ES-2,5L	
C7	100nF	CAPNP-5	C-5	
C8	470uF 10V	TT5D6	TT5D6	
Connector				
C+5V	MSTBV2	MSTBV2	MSTBV2	PHOENIX
CP1		S03P-MKS1653	S03P	AMP MT CONNECTOR
CP2		S03P-MKS1653	S03P	AMP MT CONNECTOR
Semiconductor				
D1	1N4004	1N4004	DO41-10	DIODE
D2	1N4004	1N4004	DO41-10	DIODE
LED1		LED5MM	LED5MM	LED
LED2	CNY70	LED5MM	LED5MM	LED
LED3		LED5MM	LED5MM	LED
LED4		LED5MM	LED5MM	LED
LED5	CNY70	LED5MM	LED5MM	LED
Q1	CNY70	BC547A	T092	NPN Transistor
Q2	BD135	BD139	T0126	NPN Transistor
Q3	CNY70	BC547A	T092	NPN Transistor
Q4	BD135	BD139	T0126	NPN Transistor
ICs				
IC1	4049N	4049N	DIL16	Hex inverting BUFFER
Other				
MOTORD	M2	Electric Engine	5 Volts w gear	
MOTORI	M1	Electric Engine	5 Volts w gear	