

## Bill Of Materials for STEP\_TEST\_sch

### 0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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Sub-totals:

### 3 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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3	C1-C3	0.47u	Capacitor SMD1206
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Sub-totals:

### 2 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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2	R1-R2	0.1	RESISTOR SMD 1W
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Sub-totals:

### 4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	U1	A4988_2	BIPOLAR MOTOR DRIVER
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1	U2	PCF8574	I2C LCD DRIVER
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2	U3-U4	INA219AID	Bidirectional Current/Power Monitor With I2C Interface
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Sub-totals:

### 1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	Q1	NTF3055L175	LOGIC LEVEL NFET TRANS ISTOR
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Sub-totals:

### 9 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	ARD1	ARDUINO NANO R3	
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1	D1	LED-BLUE	LED5MM
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1	IR1	IR OBSTACLE SENSOR	IR SENSOR MODULE
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2	J1-J2	TBLOCK-M2	TERMINAL 2PIN 5MM
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1	KEY1		16KEY MATRIX KEYBORR
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1	LCD1	LCD 20X4 V2	LCD DISPLAY
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1	RL1	5V	RELAY DPDT 5V COIL
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1	SDM2	STEPPER DRIVER	ULN2003 UNIPOLAR MOTOR DRIVER
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Sub-totals: