

## Bill Of Materials for SERVO\_2MOT\_sch

### 0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

Sub-totals:

### 4 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

4	C1-C4	0.47u	Capacitor SMD1206
---	-------	-------	-------------------

Sub-totals:

### 2 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

2	R1-R2	0.1	RESISTOR SMD 1W
---	-------	-----	-----------------

Sub-totals:

### 3 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

2	U1-U2	INA219AID	Bidirectional Current/Power Monitor With I2C Interface
---	-------	-----------	--

1	U3	PCF8574	I2C LCD DRIVER
---	----	---------	----------------

Sub-totals:

### 2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

2	Q1-Q2	NTF3055L175	LOGIC LEVEL NFET TRANSISTOR
---	-------	-------------	-----------------------------

Sub-totals:

### 11 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

1	ARD1	ARDUINO NANO R3	
---	------	-----------------	--

2	J1-J2	TBLOCK-M2	TERMINAL 2PIN 5MM
---	-------	-----------	-------------------

1	LCD1	LCD 20X4 V2	LCD DISPLAY 20X4
---	------	-------------	------------------

2	RL1-RL2	5V	SPDT RELAY 5V COIL
---	---------	----	--------------------

1	RV1	10K	POTENTIOMETER
---	-----	-----	---------------

4	SW1-SW4		TACTILE SWITCH
---	---------	--	----------------

Sub-totals: