

# Mechaduino Parts - Page 1

1 x 47K – R19

3 x 330 – R5, R6, R10

2 x 0.25 – R12, R13

3 x 100K – R1, R9, R16

4 x 10K – R2, R3, R20, R21

2 x 1K – R14, R15

2 x 4.7K – R7, R8

1 x 0.01uF – C6

10 x 0.1 uF – C1, C2, C3, C4, C5, C9,  
C14, C15, C16, C19

# Mechaduino Parts - Page 2

2 x 10 uF – C10, C18

3 x 1 uF – C11, C13, C17

2 x 22 pF – C7, C8

1 x 2N7002 – Q2

1 x DIODE523 – D1

1 x MG2307 – Q1

2 x Inductor – L1, L2

1 x 500 mA Fuse – F1

1 x 74AHC1G125 – U3

# Mechaduino Parts - Page 3

1 x 32.768K Crystal – Y1

2 x BSS138 – Q3, Q4

1 x LED – LED1


# Mechaduino Parts - Page 4 (Parts In Bag)

1 x 100 uF – C12

1 x AP2202 – IC2

1 x ATSAM21G18 – IC1

1 x USB Micro – J1

1 x Push Button – SW2

1 x Screw Terminal –  
MOTOR\_POWER

1 x AS5047D – U4

1 x AVAGO\_DRIVER – U1