



Basic Electronics kit for FabLAB

SKU 110991330

Part List

General electronic components	
Quickie IDC Connectors 2X2P SNGL BM RCPL 30 microinch gold	20
Quickie IDC Connectors 2X3P SNGL BM RCPL 30 microinch gold	20
Quickie IDC Connectors 2X5P SNGL BM RCPL 30 microinch gold	20

CABLE 9 COND 300' MULTI RIBBON-	1
Bergstik Headers 2X2P UNSHRD HDR 30 microinch gold	20
Bergstik Headers 2X3P UNSHRD HDR 30 microinch gold	40
Bergstik Headers 2X5P UNSHRD HDR 30 microinch gold	20
ST M3 STM32F103 HEADER BOARD	2
IC MCU AVR 4K FLASH 20MHZ 14SOIC-	20
IC AVR MCU 4K 10MHZ 8SOIC-	20
IC MCU 8BIT 32KB FLASH 32TQFP	5
CER RESONATOR 20.00MHZ SMD	20
CER RESONATOR 16.00MHZ SMD	20
RESONATOR CER 8.00 MHZ W/CAP SMD	20
CRYSTAL 20.000000 MHZ 8PF SMD	20
RES 0.0 OHM 1-4W 5% 1206 SMD-	30
RES .10 OHM 1-4W 1% 1206 SMD	10
RES .25OHM 1W 1% 2010 SMD	10
RES 1.00 OHM 1-4W 1% 1206 SMD-	20

RES 4.99 OHM 1-4W 1% 1206 SMD	30
RES 10.0 OHM 1-4W 1% 1206 SMD	30
RES 49.9 OHM 1-4W 1% 1206 SMD-	30
RES 100 OHM 1-4W 1% 1206 SMD	30
RES 499 OHM 1-4W 1% 1206 SMD-	30
RES 1.00K OHM 1-4W 1% 1206 SMD-	30
RES 4.99K OHM 1-4W 1% 1206 SMD	30
RES 10.0K OHM 1-4W 1% 1206 SMD	30
RES 49.9K OHM 1-4W 1% 1206 SMD	30
RES 100K OHM 1-4W 1% 1206 SMD	30
RES 499K OHM 1-4W 1% 1206 SMD	30
RES 1.00M OHM 1-4W 1% 1206 SMD-	30
RES 4.99M OHM 1-4W 1% 1206 SMD-	30
RES 10.0M OHM 1-4W 1% 1206 SMD-	30
CAP CERAMIC 1PF 50V NP0 1206-\$0.04200-	20
CAP CERAMIC 10PF 50V NP0 1206-\$0.03612-	20

CAP CERAMIC 100PF 50V NP0 1206-\$0.04200-	20
CAP 1000PF 1KV CERAMIC X7R 1206-\$0.15300-	20
CAP 10000PF 50V CERAMIC X7R 1206 \$0.03360-	20
CAP CERAMIC .1UF 250V X7R 1206-	20
CAP CER 1UF 50V X7R 10% 1206-	20
CAP CER 10UF 35V Y5V 1206-	10
CAPACITOR SUPER 10F 2.7V RADIAL-	10
DIODE SCHOTTKY 100V SGL SOD-123-	20
DIODE SCHOTTKY 1A 100V MINI-SMA-	20
DIODE ZENER 500MW 3.3V SOD123-	30
DIODE ZENER 4.7V 500MW SOD-123-	30
StarTech.com USB-to-RS232 Serial DB9 Adapter Cable ICUSB232	2
Electronics production	
RES 0.0 OHM 1-4W 5% 1206 SMD-	10
RES 100 OHM 1-4W 1% 1206 SMD	10
RES 499 OHM 1-4W 1% 1206 SMD-	10

RES 1.00K OHM 1-4W 1% 1206 SMD-	10
IC MCU AVR 4K FLASH 20MHZ 14SOIC-	5
CER RESONATOR 20.00MHZ SMD	5
CAP CERAMIC .1UF 250V X7R 1206-	5
CAP CER 18PF 50V NPO 1206	5
Bergstik Headers 2X3P UNSHRD HDR 30 microinch gold	5
DIODE ZENER 500MW 3.3V SOD123-	10
CONN RECEPT MINI USB2.0 5POS	5
Input devices	
PHOTOTRANSISTOR NPN SMD PLCC-2	5
MIC CONDENSER ELECT OMNI -42DB-	3
IC RF TXRX 433/868/915 16-TSSOP	3
THERMISTOR NTC 10K OHM 10% 1206-	3
TEMP SENSOR RTD 1.0K OHM 1206	3
IC SENSOR HALL EFFECT SOT23W	3
IC ACCELEROMETER 3AXIS 16QFN	3

SWITCH SLIDE SPDT 12V 100MA GW-	3
SWITCH TACT SMD W-GND 160GF	3
SENSOR,ULTRASONIC,40KHZ,TRAN1,REC1,112db/67db,2000pf/VARIOUS 40TR12B-R	2
TRANSDUCER,PIEZO,30VAC,75dB, LEADS,0.5-20Hz,SINGLE TONE	3
Output devices	
LED RED CLEAR 1206 SMD-	10
LED GREEN CLEAR 1206 SMD-	10
LED YELLOW ORANGE CLEAR 1206 SMD	10
LED BLUE CLEAR 1206 REV MT SMD	10
LED WHITE YELLOW 260MCD 1206	10
LED RGB DIFFUSED 4PLCC SMD	10
LED IR GAA1AS WATER CLEAR SMD	10
LCD MODULE 16x2 CHARACTER-	2
SPEAKER 16X35MM 8 OHMS .5WATT-	2
Ultra-Micro Digital Servo 1.7g/0.05sec/0.075kg	2

Analog Servo 10g/1.4kg/0.09s	2
Single Chip Digital Servo (5V) 10g/1.4kg/0.09s	2
Standard Analog Servo 38g/4.3kg/0.17s	2
Single Chip Digital Servo (6V) 16g/2.5kg/0.13s	2
Metal Gear Servo 2.5kg/12.5g/0.14sec	2
MOTOR,DC,12VDC,8600RPM,63mA, SHAFT:Dia.0.08 ,0.43 L,14.8TOR	2
MOTOR,DC,12-24V,22600RPM,1.4A 88.5G-CM,20.6W,SHFT 02.3X13mm	2
MOTOR,STEP,7VDC/350Ma, 7.5 STEP ANGLE,680 g-cm	2
MOTOR,DC,GEAR,12V,50/1,120RPM, 1100G-CM,74MA	2
MOTOR,STEPPER,BIPOLAR,4VDC/1A 3600 GR-CM,1.8 STEP ANGLE	2
TRANSDUCER,PIEZO,30VAC,75dB, LEADS,0.5-20Hz,SINGLE TONE	3

ECCN/HTS

ECCN	ERA99
HSCODE	9023009000
UPC	

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