

## IEEE JRACS Arduino Robotics Workshop Kit



Item No.	Product Name	Supplier	Model	Qty.	Price*	Picture
1	<b>Advanced Sensor Set for Arduino</b> x1 Relay Module V2 (DFR0017) x1 Digital RED LED Light Module (DFR0021R) x1 Digital White LED Light Module (DFR0021) x1 Digital Green LED Light Module (DFR0021G) x1 Digital Blue LED Light Module (DFR0021B) x1 Analog Grayscale Sensor (DFR0022) x1 LM35 Analog Linear Temperature Sensor (DFR0023) x1 Analog Ambient Light Sensor (DFR0026) x1 Digital Vibration Sensor (DFR0027) x1 Digital Tilt Sensor (DFR0028) x1 Digital Push Button (DFR0029) x1 Capacitive Touch Sensor (DFR0030) x1 Digital magnetic sensor (DFR0033) x1 Analog Sound Sensor (DFR0034) x1 Analog Carbon Monoxide Sensor (MQ7) (SEN0132) x1 Analog Voltage Divider (DFR0051) x1 Piezo Disk Vibration Sensor (DFR0052) x1 Analog Rotation Sensor V2 (DFR0058) x1 Joystick Module (DFR0061) x1 Flame sensor (DFR0076) x1 Triple Axis Accelerometer MMA7361 (DFR0143) x1 Digital Infrared motion sensor (SEN0018) x1 Sharp GP2Y0A21 Distance Sensor (10-80cm) (SEN0014) x1 Soil Moisture Sensor (SEN0114)	DFRobot	KIT0011	1	\$ 77.00	
2	DFRduino MEGA ADK (Arduino Compatible)	DFRobot	DFR0156	1	\$ 49.00	
3	Baron-4WD Mobile Platform	DFRobot	ROB0025	1	\$ 49.00	
4	Mega IO Expansion Shield V2.3 For Arduino Mega	DFRobot	DRI0165	1	\$ 19.50	

5	2A Dual Motor Controller	DFRobot	DRI0002	1	\$ 15.50	
6	LCD Keypad Shield For Arduino	DFRobot	DFR0009	1	\$ 13.50	
7	DF05BB Standard Servo (5kg)	DFRobot	SER0020	1	\$ 10.50	
8	IR Kit For Arduino	DFRobot	DFR0107	1	\$ 7.50	
9	Analog Sensor Cable For Arduino (10 Pack)	DFRobot	FIT0031	2	\$ 6.00	
10	Digital Sensor Cable For Arduino (10 Pack)	DFRobot	FIT0011	1	\$ 5.40	
11	USB Cable A-B for Arduino	DFRobot	FIT0056	1	\$ 1.50	
12	Homer Box - Keter 19 in. Plastic Tool Box	Home Depot	17331512	1	\$ 8.97	
13	LCD Monitor Ac Adapter 12v 5a Power Supply with Cord	Amazon	B0023Y9EQC	1	\$ 7.81	

\*Budgetary prices reflect quantity discount of 10 or more units and do not include taxes **TOTAL \$ 271.18**