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Item	Cost	Description	Image	Category	Device
1	£1.16	GPD2856A TF Card MP3 Decoder Board 2W Amplifier Module		Output	MP3
2	£2.83	IC2262/2272 4 channel wireless remote control kits 4 key		Input	433MHz switch
3	£3.89	Serial IIC/I2C/TWI Backlit 1602 LED Character LCD Module Display		Output	LCD
4	£3.89	30A SCT-013-030 Non-invasive AC Current Sensor Split Core Current Transformer		Electric	Current
5	£0.99	BMP180 Digital Barometric Pressure		Environment	Air Pressure
6	£1.37	Red MAX7219 8-Digit LED Display Module Digital Tube for Arduino SPI Control		Output	7 Segment
7	£1.93	Send Receive LWIP AP+STA ESP8266 Serial WIFI Wireless Transceiver Module		Comms	WiFi
8	£1.65	DS18B20 Temperature Sensor 1-Wire Dallas Maxim		Environment	Air Temp
10	£1.99	5V DC 1 Channel Relay Module Shield		Output	Relay
11	£2.89	HC-06 Slave Bluetooth Wireless Serial Port Module		Comms	Bluetooth
12	£2.84	128x64 OLED 0.96" IIC/I2C Serial LCD LED Display Module F Arduino/STM32/51 White		Output	LCD
13	£0.99	DHT-11 Digital Humidity and Temperature Sensor		Environment	Humidity
14	£4.92	Aircraft Flight Controller For Arduino New1PC Ublox NEO6MV2 GPS Module		Environment	GPS
15	£2.19	Remote WIFI Serial Port ESP8266 Transceiver Module Send Receive LWIP ESP01 R WST		#N/A	#N/A
16	£1.09	5V Heartbeat Sensor Finger Detecting Heartbeat Module		Medical	Pulse
17	£21.95	GSM/GPRS Shield		#N/A	#N/A
18	£0.99	Ultrasonic Module HC-SR04 Distance Measuring Transducer Sensor		Ultrasonic	Distance

19	£1.34	MPR121 Breakout V12 Capacitive Touch Sensor Controller Module I2C keyboard		Switch	Capacitance
20	£1.39	MPS20N0040D-D Sphygmomanometer Pressure Sensor 0-40kPa DIP-6		Medical	Sphygmomanometer
21	£2.85	Mini Infrared PIR HC-SR505 Motion Sensor Precise Infrared Detector		Switch	PIR
22	£2.07	DS18B20 1m - 100cm Waterproof Temperature Sensor Thermal Probe Thermometer		Environment	Surface Temp
23	£1.79	Analog Piezoelectricity Ceramic Piezo Vibration Sensor DIY for Arduino UNO Rev3		Vibration	Pizzo
24	£4.99	GY-273/HMC5883L 3-Axis Digital Compass Module		Environment	Compass
26	£0.99	HDS10 pieces dew condensation sensor dew point sensor 94-100% RH DC 0.8MAX		Environment	Dew/Condensation
27	£0.99	TEMT6000 Light Sensor TEMT6000 Professional Light Sensor		Environment	Brightness
28	£3.48	VEML6070 UV Sensitivity Detection Sensor		Light	UV
29	£4.24	DHT22/AM2302 Digital Temperature Humidity Sensor Replace SHT11 SHT15		Environment	Humidity
30	£4.18	GY-271 HMC5883L Module Electronic Compass Three-axis Magnetic Field Sensor		Environment	Direction
31	£2.29	Micro SD Card Module Reader SPI		Output	SD Card
32	£2.35	315/433MHz Wireless Transmitter Module 2.2-12V 500mW ASK/OOK Alarm Remote L/I		Comms	433MHz
33	£2.32	801S Vibration Sensor Module vibration Analog Output Sensitivity LM393		Vibration	Shock Switch

34	£4.19	MLX90614 Contactless Temperature Sensor Module		Environment	Infrared Temp
35	£2.10	temperature compensation triaxial compass IIC/SPI HMC5983		Environment	Compass
36	£2.63	ML8511 UVB UV Rays Sensor Detector Breakout Test Module		Light	UV
37	£3.78	Soil Hygrometer Soil Moisture Sensor		Environment	Soil Moisture
38	£2.30	High Sensitivity Sound Detector Detection Sensor Module		Environment	Sound
39	£5.17	LoRa-TM Ultra Wireless Transceiver Module FSK 868MHz/915MHz/433MHz RFM95/RFM96		Radio	LoRaWAN
40	£1.70	Pyroelectric IR Infrared PIR Motion Sensor Detector Module HC-SR501		Switch	PIR
41	£3.63	SI7021 Industrial High Precision Humidity Sensor with I2C Interface		Environment	Humidity
42	£4.99	Spare Rain Gauge For Use With Wireless Weather Stations N25FR/N96FY/N96GY		Switch	Tipping bucket Rain gauge
43	£22.12	PM2.5 Air particle dust sensor SDS011 module laser inside digital output M		Environment	Particulate Matter
44	£5.81	5V Ultrasonic Module Distance Measuring Transducer Sensor Waterproof JSN-SR04T		Ultrasonic	Distance
45	£1.59	433MHz RF Transmitter and Receiver Pair for Pi Arduino - Remote Wireless ASK OOK		Comms	433MHz
46	£1.98	LM393 IR Infrared Slotted Comparitor Speed Sensor Module For Arduino AVR PIC B1		Switch	IR Optical Encoder Rotation
47	£15.99	1m WS2812B RGB LED Pixel Strip, 60 Individually Addressable Pixels		Output	NeoPixel

48	£6.49	iBeacon Bluetooth Low Energy BLE 4.0 Proximity Device		Input	BLE
49	£2.45	HX1838 Universal Infrared Remote Control Receiver Module NEC Code IR Kit Set		Input	InfraRed
50	£0.94	BH1750FVI Digital Light Intensity Sensor Module		Environment	Light
51	£2.75	Accelerometer		Environment	Accelerometer
52	£19.14	Dust Sensor (Grove)		Environment	Particulate Matter
53	£1.09	Rotary Encoder		Input	Rotation
54	£4.99	MQ-4 DC5V Smoke Methane Propane Hydrogen Gas Sensor		Environment	Gas
55	£2.49	MQ-3 Alcohol Ethanol Sensor Breath Gas Detector Ethanol Detection		Environment	Gas
56	£4.20	MQ-5 Methane LPG Gas Sensor		Environment	Gas
57	£1.79	MQ-135 Sensor Air Quality Sensor Hazardous Gas		Environment	Gas
58	£2.48	MQ7 CO Carbon Monoxide Gas Sensor		Environment	Gas
59	£1.49	MQ-2 Gas Sensor Module Smoke Methane Butane		Environment	Gas
60	£5.94	Analog Joystick with Centre Button		Input	Joystick
61	£3.16	ISD1820 Module Voice Recording Playback		Output	Voice Recorder

	62	£0.30	Magnetic Glass Reed Switch		Input	Reed switch (magnet)
	63	£0.44	Microswitch with lever		Input	Microswitch
£230.95 Total Cost						

Images taken from my suppliers, many thanks and costs at time of purchase for indicative purposes.

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