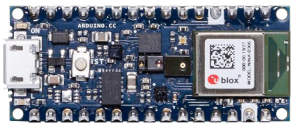
RoHS Compliant

NANO 33 BLE Sense W/Header DEV Board



67AH8876

Features

Silicon Manufacturer	: Nordic Semiconductor
No. of Bits	: 32bit
Core Architecture	: ARM
Core Sub-Architecture	: Cortex-M4F
Silicon Core Number	: nRF52840
Kit Contents	: Nano 33 BLE Sense w/Headers Dev Board nRF52840

Specifications

- Arduino's 3.3V AI enabled board in the smallest available form factor: 45x18mm
- Embedded artificial intelligence
- Possibility of running Edge Computing applications (AI) on it using TinyML
- Can be both a BLE and Bluetooth® client and host device
- 1MB (nRF52840) CPU flash memory, 256KB (nRF52840) SRAM
- 14 pin digital input / output, PWM pins, UART, SPI, I2C
- Length is 45mm, width is 18mm, weight is 5g (with headers)

Battery Holder, PP3 (9V) x 1, Strap, Wire Leads

58K2897

Features

Battery Sizes Accepted	: PP3 (9V)
No. of Batteries	: 1
Battery Holder Mount	: Strap

Specifications

- Fully assembled
- Rigid assembly
- Made of high impact molded plastic with integral wire lead strain relief

53W5807

Adafruit Microsd Card Breakout Board+

USB Cable, Type A Plug to Micro Type B Plug, 1.83 m, 6 ft, USB 2.0, White

37AC2317

Features

Connector to Connector	: Type A Plug to Micro Type B Plug
Cable Length - Metric	: 1.83m
Cable Length - Imperial	: 6ft
USB Standard	: USB 2.0
Jacket Colour	: White

Through Hole Resistor, 10 kΩ, 250 mW, ± 5%, Axial Leaded, 250 V

58K5002

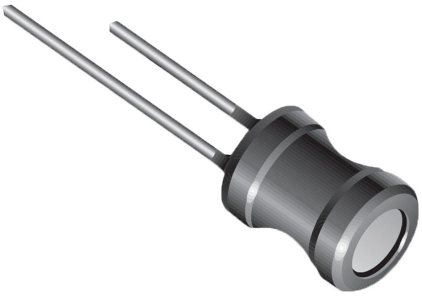
Features

Resistance	: 10kΩ
Product Range	: MCCFR0W4J Series
Power Rating	: 250mW
Resistance Tolerance	: ± 5%
Resistor Case Style	: Axial Leaded
Voltage Rating	: 250V
Resistor Element Type	: Carbon Film
Temperature Coefficient	: -450ppm/°C

Specifications

- 1000MΩ Insulation resistance
- 500V Dielectric withstanding voltage
- 250V Maximum working voltage
- 500V Maximum overload voltage
- -55 to 155°C Operating temperature range
- Multicomp Pro products are rated 4.6 out of 5 stars
- 12 month limited warranty *view Terms & Conditions for details
- 96% of customers would recommend to a friend

Inductor, 100MH, 0.04A, 10%, Radial

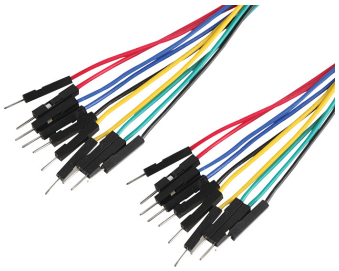


13AC5798

Features

Product Range: RLB0913 Series
Inductance: 100mH
Inductor Construction: Unshielded
RMS Current (Irms): 40mA
Saturation Current (Isat): 20mA
DC Resistance Max: 235ohm
Inductance Tolerance: ± 10%

Jumper Cable, Male to Male Connectors, 150mm Length, Pack of 10, Arduino, Beaglebone



31Y3513

Features:

- 150mm in length
- Supplied in packs of 10

Specification

- 150mm in length
- Supplied in a pack of 10
- Pro Signal products are rated 4.2 out of 5 stars
- 12 month limited warranty *view Terms & Conditions for details

Description:
Jumper wires for all your development needs.
These cables come in a variety of connections either male or female connectors.

Battery, 9 V, Alkaline, 400 mAh, Snap Contact

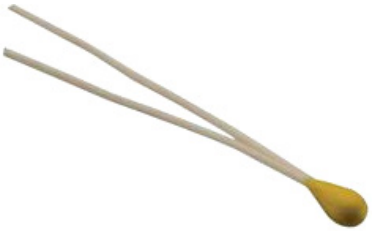
Features

03F7071

Battery Voltage	: 9V
Battery Technology	: Alkaline
Battery Capacity	: 400mAh
Battery Terminals	: Snap Contact
External Diameter	: -
External Height	: 48.5mm
External Width	: 26.5mm
External Depth	: 17.5mm
Weight	: 37g
Battery IEC Code	: 6F22
Battery NEDA Code	: 1604D

Thermistor, Series II, Bead, NTC, 10 kΩ, 3976 Beta Value

Features



03AC1430

Zero Power Resistance at 25°C	: 10kohm
Product Range	: Series II
Thermistor Mounting	: Through Hole
Beta Value (K)	: 3976K
Thermistor Case Style	: -
Thermistor Terminals	: Wire Leaded
Operating Temperature Min	: -40°C
Operating Temperature Max	: 125°C

81ah8647

Maxim, Eval Board, Heart Oximetry Monitor

Thermistor, NTC, Harsh Environment, 10 kΩ, NK Series, Through Hole, Wire Leaded, 3%

54AC9222

Features

Zero Power Resistance at 25°C	: 10kΩ
Product Range	: NK Series
Thermistor Mounting	: Through Hole
Beta Value (K)	: 3977K
Thermistor Terminals	: Radial Leaded
Operating Temperature Min	: -40°C
Operating Temperature Max	: 155°C

Order Code	Name	Quantity
67AH8876	NANO 33 BLE Sense W/Header DEV Board	1
58K2897	Battery Holder, PP3 (9V) x 1, Strap, Wire Leads	1
53W5807	MicroSD card breakout board+	1
37AC2317	USB Cable, Type A Plug to Micro Type B Plug, 1.83 m, 6 ft, USB 2.0, White	1
58K5002	Through Hole Resistor, 10 kΩ, 250 mW, ± 5%, Axial Leaded, 250 V	10
13AC5798	Inductor, 100MH, 0.04A, 10%, Radial	2
31Y3513	Jumper Cable, Male to Male Connectors, 150mm Length, Pack of 10, Arduino, Beaglebone	1
03F7071	Battery, 9 V, Alkaline, 400 mAh, Snap Contact	1
03AC1430	Thermistor, Series II, Bead, NTC, 10 kΩ, 3976 Beta Value	3
81AH8647	Eval Board, Heart Oximetry Monitor	1
54AC9222	Thermistor, NTC, Harsh Environment, 10 kΩ, NK Series, Through Hole, Wire Leaded, 3%	3

Part Number Table

Description	Part Number
Assortments & Kits	BE491

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