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COMPONENTS IN STOCK
650+ SUPPLIERS

**\$50 PRODUCT
DONATION VOUCHER
FOR FRC® TEAMS**

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Note:
Voucher valid January 9, 2016 through April 30, 2016. The \$50.00 voucher will not display on the total of your order, but will be subtracted from your order during processing. This Product Donation Voucher valued at \$50.00 is good for the purchase of components only at www.digikey.com/first. Shipping and taxes not included. This voucher is good for a one time use. Any amount not utilized in your initial transaction will be forfeited.





USE YOUR **\$50 VOUCHER** TO PURCHASE ANY OF OUR 1,100,000+ IN STOCK COMPONENTS FROM OVER 650 SUPPLIERS IN THE FOLLOWING CATEGORIES:

SEMICONDUCTORS, DEVELOPMENT TOOLS

Devices that contain multiple elements and can provide many functions. These devices are built with materials that have an electrical conductivity that falls between the conductivity of a conductor and an insulator.

- Clock, Timing
- Data Acquisition
- Discrete Semiconductors
- Embedded
- Interface
- Isolators, Optoisolators, Photocouplers
- Linear
- Logic
- Memory
- Power Management
- Programmers, Development Systems
- Semiconductor Modules

PASSIVES

Components used in circuits that are not a source of power. Items that fall into this grouping of parts include devices for storing electrical charge, controlling and limiting the flow of current, protecting other components, removing unwanted frequencies, and more.

- Capacitors
- Crystals and Oscillators
- Inductors, Coils, Chokes
- Potentiometers, Variable Resistors
- Resistors

INTERCONNECT, WIRE

Devices that provide electrical connections between unlinked portions of an electrical circuit/device.

- Cable Assemblies
- Cable, Wire Management
- Cable, Wire
- Connectors

ELECTROMECHANICAL

Devices that use a non-electrical component to start or complete an electrical circuit or devices that produce physical (non-electrical) forces or signals that are used outside of the circuit.

- Audio Products
- Motors, Solenoids, Driver Boards, Modules
- Relays
- Switches

OPTOELECTRONICS

Devices used to emit, modulate, sense, transform, or transmit visible and non-visible wavelengths.

- Display Modules
- Fiber Optics
- Infrared Emitters
- Integrated Modules, SSL (Solid State Lighting)
- Lamps
- Laser Diodes
- LED Optics
- LEDs
- Panel Indicators, Pilot Lights
- Thermal Products
- Touch Screen Overlays

POWER, CIRCUIT PROTECTION

Devices designed to provide power to components and equipment or to protect components and equipment from excessive current, excessive voltage, unwanted signals, etc.

- Power Supplies
- Circuit Protection
- Filters
- Transformers
- Line Protection, Backups

RF, WIRELESS

Devices that are designed for specific frequency ranges.

- RF Antennas
- RF Finished Units
- RF Receivers, Transceivers, Transmitters
- Integrated Circuits
- RF, IF
- RFI and EMI
- RFID

SENSORS

Devices that detect and respond to changes in a property.

- Optical
- Temperature
- Inertia
- Pressure
- Area
- Media
- Current
- Encoders
- Image, Camera
- Solar Cells
- Angle, Linear Position Measuring
- Multifunction
- Specialized
- Amplifiers
- Linear Variable Differential Transformer (LVDTs)
- Kits
- Accessories

THERMAL PRODUCTS

Devices that are used to provide cooling to electrical and electronic components.

- DC Fans
- AC Fans
- Finger Guards and Filters
- Heat Sinks
- Pads, Sheets
- Adhesives, Epoxies, Greases, Pastes
- Thermoelectric, Peltier Assemblies
- Thermoelectric, Peltier Modules
- Accessories, Kits

TEST, TOOLS, OTHER PRODUCTS

Products spanning numerous applications.

- Battery Products
- Boxes, Enclosures, Racks
- Computer Office Components
- Educational Kits
- Hardware
- Industrial Controls, Meters
- Optical Inspection Equipment
- Prototyping Products
- Solder, Desoldering Equipment
- Static Control, ESD, Clean Room Products
- Tapes, Adhesives
- Test and Measurement

GO

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TO REDEEM YOUR \$50 VOUCHER