TTI’s line card features world-class manufacturers with the most advanced products for your Smart Meter design. Designers and manufacturers of utility meters can take advantage of TTI’s Interconnect, Passive, Electromechanical and Discrete portfolio to ensure accuracy, reliability and security. TTI, recognized as the industry’s leader in service and quality, can support 96% of your BOM and together we can build for the future.

96% of total components found in a typical smart meter are available at TTI.
Discretes
- Diode Arrays
- MOSFETs/Transitors
- Rectifiers
- Schottky Diodes
- Thyristors
- TVS Diodes
- Voltage Regulators
- Zener Diodes

Infrared Receivers
- LEDs
- LED Displays
- Optocouplers

Electromagnetic
- EMI / RFI Filters
- Ferrite Beads
- Inductors
- RF Filters
- Timing Devices
- Transformers

Connectors
- Board-to-Board
- D-Sub
- FFC/FPC Connectors
- Headers
- IDC Connectors
- Modular Jacks
- SIMM/DIMM Connectors
- Smart Card Reader
- Terminal Blocks
- Zero Insertion Force

Resistors
- Current Sense/Shunt
- MELF
- Metal Film
- Networks/Trimmers
- Potentiometers
- Pulse Withstanding
- Thick Film
- Wirewound
- Thin Film

TTI, Inc.
The Specialist in Electronic Component Distribution
Why Buy from TTI?
From its modest beginning in 1971, TTI steadily has grown to become the world's leading passive and connector specialist in the electronic component industry. The company was founded on the premise that passive purchasing could be made more efficient by offering superior specialized customer-driven service provided by product knowledgeable representatives. TTI's commitment to the customer remains as valid today as always.

Product Knowledgeable Experts
TTI has a team of specialists with more product experience and knowledge than any other distributor. All TTI employees participate in company-wide training programs, plus every one of our sales branches has a team of product managers on-site to provide that extra support that customers need. Through the years these exceptional specialists have become, and remained, the most knowledgeable in the electronic component industry.

Broader and Deeper Inventories
TTI maintains extensive inventories by stocking more than 500,000 parts with more than 80% available for immediate delivery. That's more interconnect, passive, electromechanical, and discrete parts than from any other source. We remain committed to breadth and depth of inventory, ensuring availability of C and D class parts as well as commodity parts.

Leading Edge Technology Products
The manufacturers TTI partners with are the companies that lead the industry into new component technologies. For customers, this means that TTI enlists the help of the manufacturers who can help solve any design challenge. Our product groups also focus on new product introductions to ensure we have the very latest and most technologically-advanced products readily available from stock.

Global Distribution Centers & Supply Chain Solutions
TTI has more than 1.2 million square feet of automated warehousing in North America, Europe, and Asia. All are linked into a global warehouse management system that provides superior customer service and overall business efficiencies, supported out of our supply chain solutions. Wherever you are in the world, TTI can support you.

Quality and Reliability
TTI offers its customers an ongoing commitment to quality and service excellence. TTI implemented Total Quality Management in 1989 and has been ISO9000 registered since 1993. We were the first distributor to have all of our global warehouse locations ISO registered and have since upgraded to ISO9001:2008 and AS9100B in North America and AS9120 in Europe. With one global documentation system that ensures that every TTI branch and warehouse in the world follow the same processes. Year after year, customers rate our quality and management practices to be among the very best in the industry. This is especially important when the products are the typical high mix, low value parts on which we have built our reputation.
### Smart Meter Technology

**Components By Supplier**

#### Capacitors
- Aluminum Electrolytic
- Ceramic
- EDLC/Superap
- Film
- High Temperature
- High Voltage
- Polymer
- RF Film
- Safety
- Tantalum

#### Circuit Protection
- Fuses
- GDTs
- MLVs - Multi-Layer Varistors
- MOVs - Metal Oxide Varistors
- NTC/PTC Thermistors
- Protection Thyristors
- PTC Resettable Fuses

#### Connectors
- Board-to-Board / Wire-to-Board
- Bus Bar
- Cable Assemblies
- D-Subminiature
- FFC/FPC Connectors
- Headers
- IDC Connectors
- Modular Jacks
- SIMM/DIMM Connectors
- RF Connectors
- Terminal Blocks
- USB (Standard, Mini, Micro)
- Zero Insertion Force

#### Discretes / Optoelectronics
- Diodes - Schottky & Zener
- Infrared Receivers
- LEDs
- LED Displays
- MOSFETs / Transistors
- Optocouplers
- Rectifiers/Ultrafast Rectifiers
- Thyristors
- TVS Diodes / Diode Arrays

#### Electronic Components
- Choke Inductors
- Power Inductors
- RF Inductors

#### Electromechanical
- AC Power Supplies
- DC/DC Converter
- Relays
- Switches

#### Filters
- 3-Terminal, SMD Array
- EMI/RFI
- Ferrite Beads
- SAW Filter
- Piezoelectric Ceramic Filters
- Thin Film Low Pass Filters

#### Resistors
- Current Sense/Shunt
- MELF
- Metal Film
- Networks & Trimmers
- Potentiometers
- Pulse Withstanding
- Thin Film
- Wirewound

#### Sensors
- Current
- Hall-Effect
- Optical
- Shock
- Temperature