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TTI Links:

- TTI Home
- About TTI
- Downloads

Supplier Microsites:

- 3M
- Amphenol
- AVX
- Bourns
- C&K
- Delphi
- EPCOS
- FCI
- Harwin
- Kemet
- Meder
- Molex
- Murata
- Nichicon
- Ohmite
- Omron
- Panasonic
- Phoenix Contact
- TDK
- Toshiba
- TT Electronics
- TE Connectivity
- Vishay
- Vishay Precision Group
- Vitrohm
- WIMA
- Yageo

Lead Free:



TTI Linecard :



CONNECTORS

FCI - Fine Pitch Mezzanine Connectors

Scale-ability and rugged performance with versatility and service



Contact Pitch

- 1.0mm Conan® Connectors
- 0.8mm BergStak® Connectors
- 0.5mm MezzoStak™ Connectors

Circuit Count

- 9 to 200 positions

PCB Stack heights

- 4mm to 16mm in multiple increments

Markets & Applications

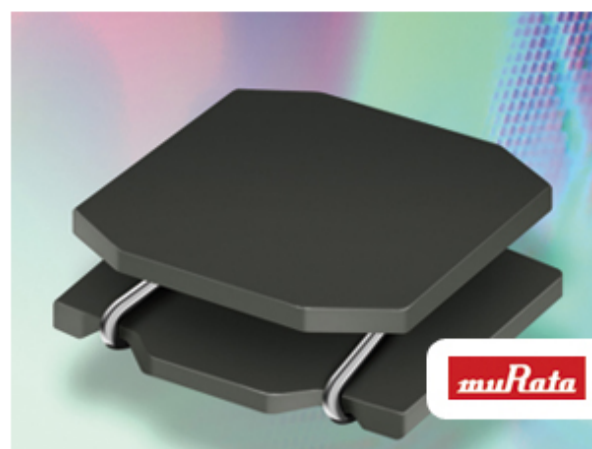
- Data, Communications and Industrial
- Instrumentation and Medical Diagnostics
- Portable Meters/Instruments/Scanning/POS
- Machine-to-Machine (M2M)

To read more click here...

PASSIVES

muRata - Small footprint, low profile wirewound Power Inductors

Scale-ability and rugged performance with versatility and service



Applications:

Power circuitry in audio-visual equipment including televisions, DVD players, etc. and a variety of other applications.

Features

- Compact Size
- Simple Structure
- Magnetically shielded by ferrite resin
- Low DC resistance/high rated current available

To read more click here...

PASSIVES

Panasonic – Aluminium Electronic Capacitor – A-FR and V-FT Series



A-FR Series Features:

- Voltage range 6.3 – 50V
- Capacitance range 22 – 8200uF
- Lifetime up to 10000h
- Ripple current up to 3820mA
- ESR down to 12mOhm (20C/100kHz)
- Size Ø5x11mm to Ø16x25mm



V-FT Series Features:

- Voltage range 25 VDC to 50VDC
- Capacitance range 10uF to 820uF
- Temperature range -55C to +105C
- Endurance 2000h at 105C
- Size B to G case size (Ø4 to Ø10mm)
- Soldering peak temperature 260°C (Ø4 to Ø6.3mm) / 245°C (Ø8 to Ø10mm)

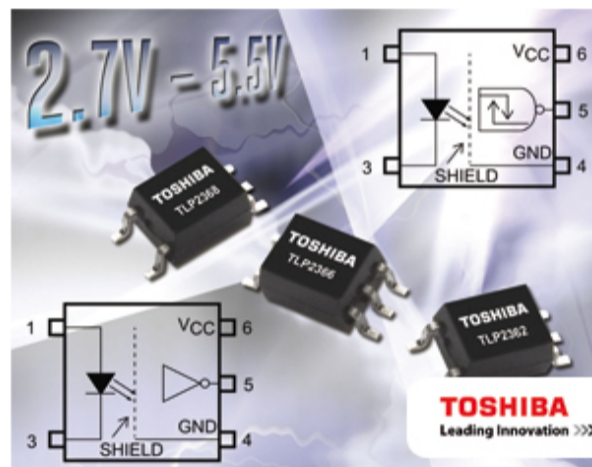
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DISCRETES

Toshiba – Photocouplers GaAs Infrared LED & Photo IC – TLP2362

Applications:

- Factory Automation (FA)
- Plasma Display Panels (PDPs)
- Measurement Instrumentation



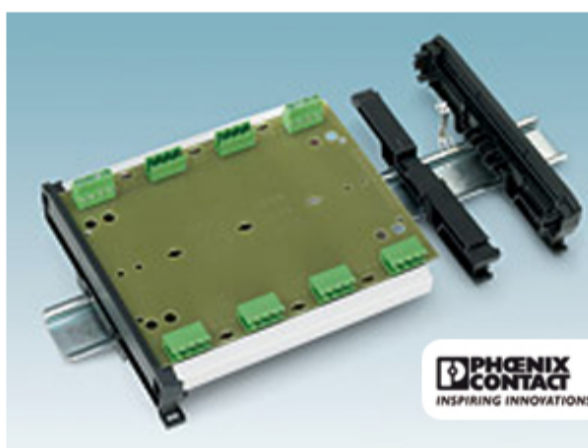
Features:

- Inverter logic type (open collector output)
- Package: SO6
- Operating temperature: -40°C to 125°C
- Supply voltage: 2.7 to 5.5V
- Data transfer rate: 10MBd
- Supply current: 4mA (max)
- Common-mode transient immunity: ±20 kV/μs (min)
- Isolation voltage: 3750Vrms (min)
- Safety standards: cUL-approved: CSA Component Acceptance Service No.5A, File No.E67349

To read more click here...

CONNECTORS

Phoenix Contact - The fastest housing for electronics manufacturers



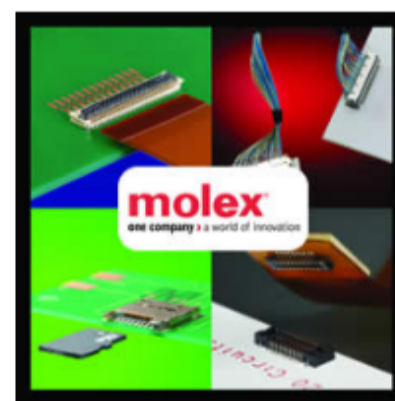
Features:

- Plug-in assembly reduces assembly time for the customer
- Temperature range up to 100°C extends the possible fields of application
- New profile geometry increases the form stability
- Mounting close to the edge provides wiring advantages
- Freely positionable covers offer flexibility
- PE contacts that can be fitted on both sides ensure safety

To read more click here...

CONNECTORS

Molex Core Micro Products of board-to-board, FFC/FPC, microminature wire-to-board and memory card connectors offer long-term availability and support a wide variety of industries.



Applications:

- Data/Telecom
- Consumer
- Industrial
- Military /Aerospace
- Transportation
- Medical

To read more click here...



KEMET

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TDK

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TTI

Alternative Energy and Smart Grid Brochure

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