Linear Voltage Regulators for Automotive Applications

Products

- Enable function for main output voltage to reduce quiescent consumption in standby mode
- Reset function
- Watchdog for output voltage
- Sleep Mode function
- Standard and window watchdog function to monitor the output voltage
- Wide input voltage range
- Low dropout voltage
- Low quiescent current
- Wide output voltage range
- Low noise
- Wide temperature range
- Short circuit protection
- Thermal shutdown
- Reverse polarity protection
- Overvoltage protection

Related Links

- Automotive Power Solutions
- What is the dropout voltage in Automotive Power Supplies?
- Linear Voltage Regulators
- Tool Release Matrix Linear Voltage Regulators
- Evaluation Boards
- Short Circuit Protection

Quick Filter: Features | Value

Clear Filter | Apply Filter

Linear Voltage Regulators (Latest First)

Looking for Linear Voltage Regulators

Active filtering is a key feature in Automotive Applications

Automotive Supply Solutions

Key Features | Key Benefits | Applications

- Wide operation range up to 45V
- Very low dropout voltage
- Very low efficiency consumption
- Low quiescent consumption
- Reverse polarity protection
- Dedicated Automotive Qualification
- Temp. range: -40°C up to +150°C
- Fit to an array of applications
- Optimized for future development
- Reduced system footprint
- Reduced assembly effort
- 100% standard qualification for automotive components/systems
- Long term availability

- Automotive General Purpose
- Powertrain
- Chassis Appliances
- Body Applications
- Low Power DSCs
- Infotainment
- HMI
- Tools, Applications & Transceivers

Filter Table | Size of Parameters | Download Spreadsheet | Reset All Selections

Product Ordering Details 101	QPN	Product Status	Order Online	Packages
TLE9012DQK	TLE9012DQKXUMA1	active and preferred	Buy online	P-TDSO-16 / P-TSSO-16 / PG-TSSO-16 / PG-DSO-16
TLS205F0EJ V33	TLS205F0EJXUMA1	active and preferred		P-DSO-8*
TLS205F0EJ V50	TLS205F0EJXUMA1	active and preferred		P-DSO-8*
TLS715B0EJ V50	TLS715B0EJXUMA1	active and preferred		PG-DSO-8
TLS715B0EJ V50	TLS715B0EJXUMA1	active and preferred		PG-DSO-8
TLE9011EQ V33	TLE9011EQXUMA1	active and preferred		PG-DSO-8
TLE9011EQ V50	TLE9011EQXUMA1	active and preferred		PG-DSO-8
TLS810B1LDV50	TLS810B1LDVXUMA1	active and preferred		PG-DSO-8
TLS810Q1 V33	TLS810Q1XUMA1	active and preferred		PG-DSO-8
TLS810Q1 V50	TLS810Q1XUMA1	active and preferred		PG-DSO-8
TLE9014AQ V33	TLE9014AQXUMA1	active and preferred		PG-DSO-8
TLE9471 QL	TLE9471QLXUMA2	active and preferred		PG-DSP-19
TLE9014AQ	TLE9014AQXUMA1	active and preferred		PG-DSO-8
TLS205B0LJ	TLS205B0LJXUMA1	active and preferred		PG-DSO-8
TLS205B0LJ V33	TLS205B0LJXUMA1	active and preferred		PG-DSO-8
TLS205B0LJ V50	TLS205B0LJXUMA1	active and preferred		PG-DSO-8
TLE9080LDWB	TLE9080LDWBXUMA1	active and preferred		PG-TSON-16
TLS205B0LJ	TLS205B0LJXUMA1	active and preferred		PG-DSO-8
TLS205B0LJ V33	TLS205B0LJXUMA1	active and preferred		PG-DSO-8
TLS205B0LJ V50	TLS205B0LJXUMA1	active and preferred		PG-DSO-8
TLE9080LDWB	TLE9080LDWBXUMA1	active and preferred		PG-TSON-16
TLE9011YT-EQ	TLE9011YTEQXTMA1	active and preferred		PG-TSSO-21
TLE9011YT-MB	TLE9011YTMBXTMA1	active and preferred		PG-TSSO-21
TLF4825	TLF4825XUMA1	active and preferred		PG-TSSO-21
TLF4825	TLF4825XUMA1	active and preferred		PG-TSSO-21
TLE9011YT-EQ	TLE9011YTEQXTMA1	active and preferred		PG-TSSO-21
TLE9011YT-MB	TLE9011YTMBXTMA1	active and preferred		PG-TSSO-21
TLE9469	TLE9469QXUMA1	active and preferred		PG-DSO-8
TLE9469	TLE9469QXUMA1	active and preferred		PG-DSO-8
TLE9240AQ	TLE9240AQXT3SV	active and preferred		PG-VQFN-24