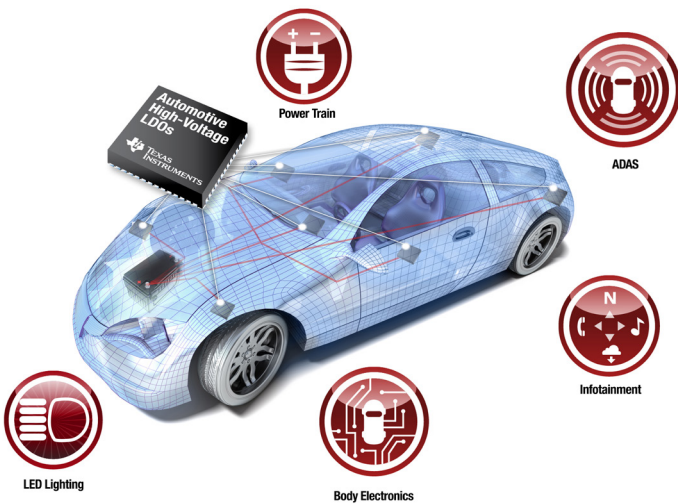


TI's complete high-voltage low drop-out linear regulator (LDO) family for automotive and industrial applications



TI's new LDOs, together with several existing featured products, compose an industry-leading LDO family for automotive battery direct connection applications.



Product Features & Benefits

- 1) **Ultra-low quiescent current:** Ultra-low quiescent current in standby mode means lower power consumption and increased vehicle battery endurance time.
- 2) **Internal ESR compensation:** Allows you to choose from a wide range of output capacitors to reduce system cost and increase stability.
- 3) **40-V Vin support allows the customer to connect to the car battery directly:** Up to 40-V Vin for normal operation and 45-V transient. The TPS7A16xx-Q1 can support up to 60-V normal operation for trucks and heavy-duty equipment.
- 4) **Tracking LDO provides close to zero tolerance between on-board and off-board power supply:** Powering off-board sensors can help you get more accurate data.
- 5) **Integrated window watchdog:** Enables more safety features to be designed into end equipments.

View data sheets and order samples and EVMs at www.ti.com/AUTOMOTIVE-LDOs

Device	Output Current (mA)	Output Voltage (V)	Max Input Voltage (V)	Quiescent Current	Package	Key Features
TPS7B4250-Q1	50	ADJ	40	40	SOT-23-5	Tracking LDO
TPS798xx-Q1	50	ADJ 5	50	40	MSOP-8	EN and RESET, Output Voltage upto 28V
TPS7A16xx-Q1	100	ADJ 3.3 5	60	5	MSOP-8	Support Truck and Heavy-duty equipment
TPS7A66xx-Q1	150	ADJ 3.3 5	40	12	MSOP-8	EN and RESET
TPS7A69xx-Q1	150	3.3, 5	40	12	SOIC-8	Sense Comparator for battery monitoring
TPS7A63xx-Q1	300	ADJ 3.3 5	40	35	HTSSOP-14 VSON-10	Integrated window watch dog
TPS7B67xx-Q1	450	ADJ 3.3 5	40	15	TO-263-5 HTSSOP-20	EN and RESET Support ceramic output capacitor

TI Worldwide Technical Support

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Europe, Middle East, and Africa

Phone	
European Free Call	00800-ASK-TEXAS (00800 275 83927)
International	+49 (0) 8161 80 2121
Russian Support	+7 (4) 95 98 10 701

Note: The European Free Call (Toll Free) number is not active in all countries. If you have technical difficulty calling the free call number, please use the international number above.

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	Domestic	www.tij.co.jp/pic

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Note: Toll-free numbers may not support mobile and IP phones.	
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Indonesia	001-803-8861-1006
Korea	080-551-2804
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