

Constant Voltage Diodes (High Voltage Type)

UDZ LV Series

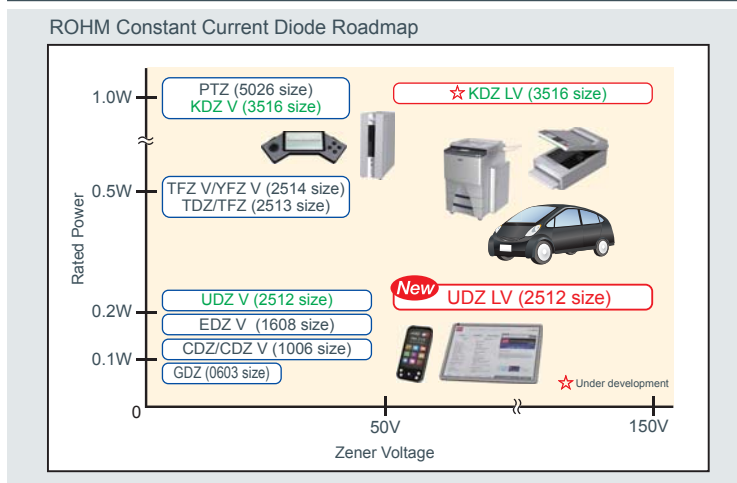


New high Zener voltage series ideal for the automotive market

Product Outline

ROHM has recently expanded its constant voltage diode lineup to include the UDZ LV series of high voltage Zener diodes designed to provide constant voltage protection in a variety of electronic circuits. 12 models are offered in a range of Zener voltages (51V to 150V) for broad compatibility, including automotive ECUs. In addition, high surge resistance makes them suitable for a range of applications, from consumer devices to automotive systems and industrial equipment that demand superior reliability.

Expanded Zener voltage range provides greater applicability

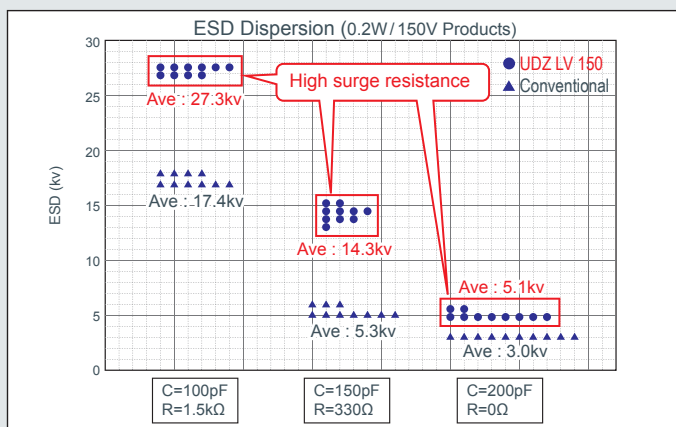


Product Lineup

Vz (V)	UDZ Series (2512 Size)	KDZ Series (3516 Size)	Vz Min (V)	Vz Max (V)
2	UDZV2.0B	KDZV2.0B	Refer to specifications	Refer to specifications
39	UDZV39B	KDZV39B		
43	UDZV43	KDZV43		
47	UDZV47	KDZV47	44	50
51	New UDZLV51	☆ KDZLV51	48	54
56	New UDZLV56	☆ KDZLV56	53	60
62	New UDZLV62	☆ KDZLV62	58	66
68	New UDZLV68	☆ KDZLV68	64	72
75	New UDZLV75	☆ KDZLV75	70	79
82	New UDZLV82	☆ KDZLV82	77	87
91	New UDZLV91	☆ KDZLV91	85	96
100	New UDZLV100	☆ KDZLV100	94	106
110	New UDZLV110	☆ KDZLV110	104	116
120	New UDZLV120	☆ KDZLV120	114	126
130	New UDZLV130	☆ KDZLV130	122	138
150	New UDZLV150	☆ KDZLV150	140	160

Automotive-grade surge resistance

ROHM's UDZ LV series provides superior surge resistance, making them ideal for consumer, automotive, and industrial applications



- Automotive ECUs (for MOSFET protection)
- Power supply block in MFPs and inkjet printers

1W KDZ LV models currently being developed