



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





AVR Automotive Series Chip Varistor Kit

Automotive Grade Multilayer Chip Varistor Kit



The TDK AVR Series Chip Varistors are used as a countermeasure for surge voltage and static electricity. AVR series varistors have excellent electrostatic absorption capability with as good or better response than Zener diodes. A Zener diode + capacitor combination can be replaced with an AVR series varistor, reducing footprint and total mounting cost.

Features

- No polarity due to symmetrical current-voltage characteristics
- AEC-Q200 compliant
- Excellent mount reliability
- Standard operating/storage temperature range:
 - AVRM1608: -40°C to $+125^{\circ}\text{C}$
 - AVRM2012: -40°C to $+125^{\circ}\text{C}$

AEC-Q200

Multilayer

Voltage Protection



[Datasheet](#)

Application Examples

- CAN-BUS
- ECU
- Connector
- Air conditioner panel
- Audio
- Navigation

AVR Automotive Series Chip Varistor Kit Includes:

Case Size: 1.6 x 0.8mm (EIA 1608) & 2.0 x 1.2mm (EIA 0805)

Varistor Voltage (Breakdown Voltage): 22-39V

Rated Voltage (max.): 16-28V

Capacitance: 15-800pF

Now Available at:



[445-174555-KIT-ND](#)

Click the link above for ordering information.

AVR Automotive Series Chip Varistor Kit Includes:

Digi-Key Part Number	TDK Item List	Item Description
445-174555-KIT-ND	AVR-M1608C220KT2AB	0603, 210pF, 22V
	AVR-M1608C220KT6AB	0603, 560pF, 22V
	AVR-M1608C270KT2AB	0603, 160pF, 27V
	AVR-M1608C270KT6AB	0603, 430pF, 27V
	AVRM1608C270KT800M	0603, 80pF, 27V
	AVR-M1608C270KTACB	0603, 60pF, 27V
	AVR-M1608C270MTAAB	0603, 30pF, 27V
	AVR-M1608C270MTABB	0603, 15pF, 27V
	AVRM1608C390KT271N	0603, 270pF, 39V
	AVR-M2012C220KT6AB	0805, 800pF, 22V
	AVR-M2012C390KT6AB	0805, 430pF, 39V