



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!



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AVR 0603/0805 Series Chip Varistor Kit

Commercial 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
- Excellent mount reliability
- Standard operating/storage temperature range:
 - AVRM1608: -40°C to +125°C
 - AVRL1608: -40°C to +85°C
 - AVRM2012: -40°C to +125°C

Commercial

Multilayer

Voltage Protection



[Datasheet](#)

Application Examples

Consumer Product

Mobile phone

Digital video camera

Digital camera

Notebook PC

Application

Data terminal

LCD panel

Touch panel

Battery terminal

AVR 0603/0805 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): 8-90V

Rated Voltage (max.): 5.5-11V

Capacitance: 1.1-1050pF

Now Available at:



[445-174554-KIT-ND](#)

Click the link above for ordering information.

AVR 0603/0805 Series Chip Varistor Kit Includes:

Digi-Key Part Number	TDK Item List	Item Description
445-174554-KIT-ND	AVR-M1608C080MTAAB	0603, 650pF, 8V
	AVR-M1608C120MT2AB	0603, 400pF, 12V
	AVR-M1608C120MT6AB	0603, 1050pF, 12V
	AVR-M1608C180MT6AB	0603, 600pF, 18V
	AVR-M2012C120MT6AB	0805, 1000pF, 12V
	AVRL161A1R1NTA	0603, 1.1pF, 90V
	AVRL161A1R1NTB	0603, 1.1pF, 39V
	AVRL161A3R3FTA	0603, 3.3pF, 27V
	AVRL161A6R8GTA	0603, 6.8pF, 27V