



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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**Product Overview**

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**CM1692: Praetorian® L-C 4-, 6- and 8-Channel EMI Filter Arrays with ESD Protection**

For complete documentation, see the [data sheet](#)

**Product Description**

The CM1692 is a family of pi-style EMI filter arrays with ESD protection, which integrates four, six and eight filters (C-L-C) in small form factor uDFN 0.40mm pitch packages. Each EMI filter channel of the CM1692 is implemented as a 3-pole L-C filter.

**Features**

- Six or eight channels of EMI suppression with integrated ESD protection
- Robust, space saving TDFN package

**Benefits**

- Mates with most popular board to board connector interfaces
- Can be placed adjacent to connectors and board edges

**Applications**

- High Speed Parallel Interface lines, in 4, 6, or 8 channel configurations

**End Products**

- Cellular Phones, Smart Phones, Notebooks, Netbooks Personal

**Selected Electrical Specifications**

Symbol	Boundary	Value	Unit	Condition
C	typ	28.2	pF	at 2.5 V bias
I <sub>R</sub>	max	1	i <sub>c</sub> 1/2A	max
V <sub>(BR)</sub>	typ	6.8	V	nominal

**Package Availability**

Type	Pb-free	Standard
UDFN8, 1.7x1.35, 0.4P	✓	
UDFN16, 3.3x1.35, 0.4P	✓	
UDFN12, 2.5x1.35, 0.4P	✓	

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