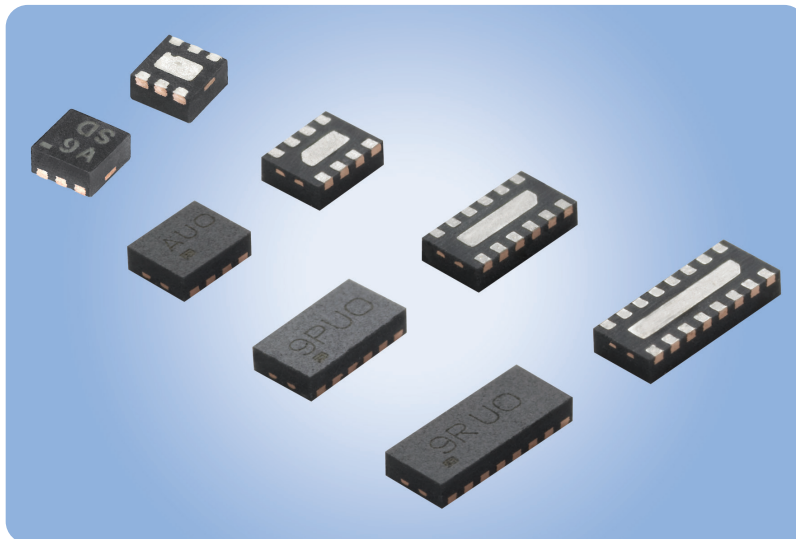




## DIODES

### EMI Filters With ESD Protection



#### KEY PRODUCT BENEFITS

- Offered in the compact and low profile LLP package
- Choice of three-, four-, six-, and eight-channel versions
- Unidirectional clamping behavior
- e4 = pins plated with precious metal (e.g. Ag, Au, NiPd, NiPd (Au) (no Sn))
- RoHS-compliant and halogen-free

#### APPLICATIONS

- ESD protection in portable electronics for computers, telecommunications, consumer, industrial, and medical applications

#### RESOURCES

- See table on next page for product information
- For technical questions, please contact [EMIFilter@vishay.com](mailto:EMIFilter@vishay.com)
- Material categorization: for definitions of compliance, please visit [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)





## DIODES

## EMI Filters With ESD Protection

Part Number	Package	Product Image	Circuit Diagram	$V_{RWM}$ (V)	$I_R$ at $V_{RWM}$ ( $\mu$ A)	$V_{BR}$ at $I_R = 1$ mA (V)	Cut-Off Frequency $f_{3dB}$ (MHz)	$R_S$ Line Resistance ( $\Omega$ )	$C_{IN}$ at $V_R = 0$ V, $V_{AC} < 100$ mV, $f = 1$ MHz (pF)	ESD Immunity acc. IEC 61000-4-2 (kV)	Number of Protected Lines
<a href="#">VEMI353A-HAF</a>	LLP75-7L			5	1	6	100	30	60	$\pm 30$	3
<a href="#">VEMI355A-HAF</a>				5	1	6	100	50	60	$\pm 30$	3
<a href="#">VEMI35AA-HAF</a>				5	1	6	100	100	60	$\pm 30$	3
<a href="#">VEMI45AA-HNH</a>	LLP1713-9L			5	1	6	100	100	60	$\pm 30$	4
<a href="#">VEMI45AB-HNH</a>				5	1	6	130	100	40	$\pm 18$	4
<a href="#">VEMI45AC-HNH</a>				5	1	6	240	100	20	$\pm 10$	4
<a href="#">VEMI65AA-HCI</a>	LLP2513-13L			5	1	6	100	100	60	$\pm 30$	6
<a href="#">VEMI65AB-HCI</a>				5	1	6	130	100	40	$\pm 18$	6
<a href="#">VEMI65AC-HCI</a>				5	1	6	240	100	20	$\pm 10$	6
<a href="#">VEMI85AA-HGK</a>	LLP3313-17L			5	1	6	100	100	60	$\pm 30$	8
<a href="#">VEMI85AB-HGK</a>				5	1	6	130	100	40	$\pm 18$	8
<a href="#">VEMI85AC-HGK</a>				5	1	6	240	100	20	$\pm 10$	8

**Note**

- Click on part number for data sheet, pin placement, 3D models, ordering information, and more