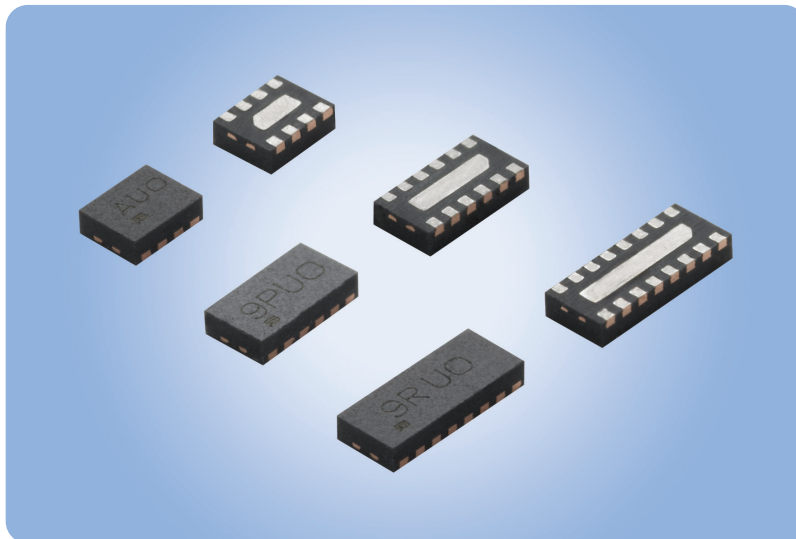




The DNA of tech.®

DIODES

EMI Filters With ESD Protection



KEY PRODUCT BENEFITS

- Offered in the compact and low profile LLP package
- Choice of 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
- Material categorization: for definitions of compliance, please visit www.vishay.com/doc?99912



DIODES

EMI Filters With ESD Protection

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Part Number	Package	Product Image	Circuit Diagram	V_{RWM} (V)	I_R at V_{RWM} (μ A)	V_{BR} at $I_R = 1$ mA (V)	Cut-Off Frequency f_{3dB} (MHz)	R_s Line Resistance (Ω)	C_{IN} at $V_R = 0$ V, $V_{AC} < 100$ mV, $f = 1$ MHz (pF)	ESD Immunity According to IEC 61000-4-2 (kV)	Number of Protected Lines
VEMI45AA-HNH	LLP1713-9L			5	1	6	100	100	60	± 30	4
VEMI45AB-HNH				5	1	6	130	100	40	± 18	4
VEMI45AC-HNH				5	1	6	240	100	20	± 10	4
VEMI65AA-HCI	LLP2513-13L			5	1	6	100	100	60	± 30	6
VEMI65AB-HCI				5	1	6	130	100	40	± 18	6
VEMI65AC-HCI				5	1	6	240	100	20	± 10	6
VEMI85AA-HGK	LLP3313-17L			5	1	6	100	100	60	± 30	8
VEMI85AB-HGK				5	1	6	130	100	40	± 18	8
VEMI85AC-HGK				5	1	6	240	100	20	± 10	8

Note
 • Click on part number for datasheet, pin placement, 3D models, ordering information, and more