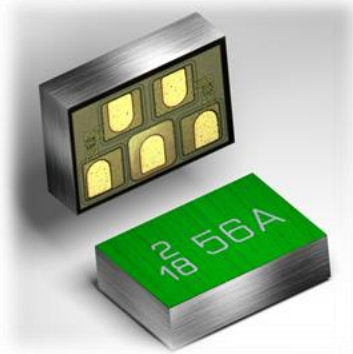




New VEMI256A-SD2 Bidirectional EMI Filter and ESD Protection Diode in CLP1007 With Advanced Ultra Low Profile

We've just released a new dual-channel EMI filter and ESD protection device with low pass characteristics, low attenuation of low frequency data signals, high attenuation of high frequencies, and additional overvoltage protection. The VEMI256A-SD2 comes in the ultra compact CLP1007-5M package, which features an advanced ultra low profile.



Device Specification Table

No.	Device Name / Ordering Code	Package	Type	V_{RWM}	Cut-Off Frequency f_{3dB}
1	VEMI256A-SD2-G4-08	CLP1007-5M	Commercial	$\pm 5.5 \text{ V}$	60 MHz

Features for VEMI256A-SD2

- Ultra compact CLP1007-5M package with advanced ultra low profile
- 2-channel EMI filter and ESD protection
- Low leakage current
- Line resistance $R_S = 60 \Omega$
- Typical cut-off frequency $f_{3dB} = 60 \text{ MHz}$
- ESD protection in accordance with IEC 61000-4-2
 - $\pm 25 \text{ kV}$ contact discharge
 - $\pm 25 \text{ kV}$ air discharge
- e4 – precious metal (e.g. Ag, Au, NiPd, NiPdAu) (no Sn)



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Applications

- Cell phone handsets and accessories
- Notebook computers
- Speaker ports in portables

Samples

[Available at Vishay Sample Service Center \(VSSC\).](#)

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