

New Device Exhibits Strong EMC/ESD Behavior

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Automotive specialist [Melexis](http://www.melexis.com) [1](Nashua, NH), has added the local interconnect network (LIN) bus to its portfolio of devices. The new MLX80030, which comes in a compact SOIC8 package, is 3rd member of the company's next generation of system basis ICs that enable simple and effective development of LIN slaves. Features include:

- A 0.35 μ m HV-CMOS process technology for very low current operation.
- The electro-magnetic compatibility (EMC) required for single wire bus systems.
- An integrated load current limitation, over temperature shutdown, and 40 V load dump protection.
- Electrostatic discharge (ESD) characteristics that allow it to deal with direct discharges of >20 kV and indirect discharges of >15 KV.

For more information visit www.melexis.com [1].

Source URL (retrieved on 02/01/2015 - 2:20pm):

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[1] <http://www.melexis.com>

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Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)
