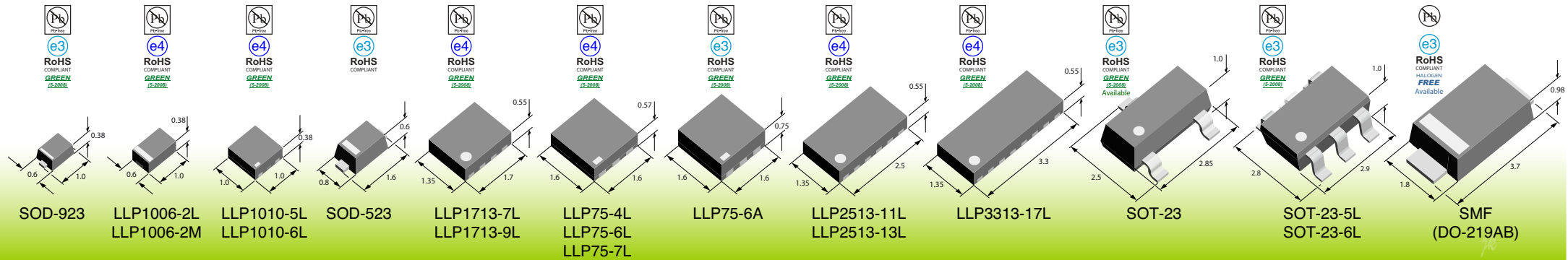




ESD Protection Diodes & EMI-Filter

Release: 10. May 2010



(e3) = Pins plated with Tin (Sn)

(e4) = Pins plated with Nickel, Palladium, Gold (NiPdAu)

(Pb-free) = Total Pb-Free according to JESD97

AEC = qualified according AEC-Q101

(Pb-free) = Termination Pb-Free according to JESD97

RoHS COMPLIANT = RoHS Compliant according to EU Directive 2002/95/EC

GREEN (E-2008) = Part is GREEN according to Vishay definition see: <http://www.vishay.com/doc?99902>

HALOGEN FREE = Halogen Free according to IEC 61249-2-21

Package Drawing																
Package Name	SOD-923		LLP1006-2L / LLP1006-2M		SOD-523	SMF (DO-219AB)		SOT-23			SOT-23-5L	SOT-23-6L	LLP1010-6L	LLP1010-5L	LLP75-4L	LLP2513-11L
Circuit Diagram																
Part Numbers	VESD05A1B-02Z AEC VESD03A1C-02Z VESD05A1C-02Z VESD12A1C-02Z	VCUT0714A-02Z	VESD03A1B-HD1 AEC VESD03A1C-HD1 AEC VESD05A1A-HD1 AEC VESD05A1B-HD1 AEC VESD05A1C-HD1 AEC VESD12A1C-HD1 AEC VESD12A1A-HD1 AEC VBUS051BD-HD1 AEC VBUS051CD-HD1 AEC	VCUT0505B-HD1 AEC VCUT0714A-HD1 AEC VCUT03B1-DD1 VCUT05B1-DD1 VBUS05L1-DD1	VESD01-02V VESD03-02V VESD05-02V VESD08-02V VESD012-02V VESD05A1-02V AEC VESD05A1B-02V	SMF5V0A to SMF51A AEC	GSOT05CL-V GSOT03C GSOT04C GSOT05C GSOT08C GSOT12C GSOT15C GSOT24C GSOT36C	GSOT05L-V GSOT03 GSOT04 GSOT05 GSOT08 GSOT12 GSOT15 GSOT24 GSOT36	GL05T GL12T GL15T GL24T	VCUT05A4-HS3 NEW VBUS054CV-06S NEW	VESD05A4A-HS4 VESD09A4A-HS4	VBUS054DD-HF4 AEC	VBUS052BD-HTF	VBUS054CD-FH1 AEC		

Package Drawing															
Package Name	LLP1713-7L		LLP75-6L		LLP75-6A			LLP75-7L			LLP1713-9L			LLP2513-13L	LLP3313-17L
Circuit Diagram															
Part Numbers	VBUS052CD-FAH AEC	VESD05A5A-HSF GMF05C-HSF GMF05LC-HSF	VBUS054B-HSF	VESD09A4A-HSF	VESD05A5A-HS3 GMF05C-HS3 AEC GMF05LC-HS3 AEC	VEMI255A-HS3	VBUS054B-HS3 VBUS054CV-HS3	VESD05A6-HAF AEC VESD05A6A-HAF AEC	VBUS053AZ-HAF AEC VBUS053CZ-HAF AEC NEW	VEMI353A-HAF VEMI355A-HAF VEMI35AA-HAF	VBUS053BZ-HNH	VEMI45AA-HNH AEC VEMI45AB-HNH VEMI45AC-HNH VEMI45LA-HNH	VESD05A8A-HNH AEC VESD05A8B-HNH VESD05A8C-HNH	VEMI65AA-HCI AEC VEMI65AB-HCI VEMI65AC-HCI	VEMI85AA-HGK VEMI85AB-HGK VEMI85AC-HGK VEMI85LA-HGK

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Web Site: <http://www.vishay.com/diodes/protection-tvs-esd/>

