



ESD PROTECTION DIODES AND EMI FILTERS

Vishay Semiconductors

www.vishay.com/diodes/protection-tvs-esd

LLP1006-2L CLP0603-2L LLP1006-2M LLP0603-2L	LLP1006-3L	CLP1007	LLP1010-5L LLP1010-6M	SOD-523	LLP75-4L LLP75-6L LLP75-7L	LLP1713-7L LLP1713-9L	SOD-323	SOT-323	LLP2510-10M	LLP2513-13L	SOT-23	LLP3313-17L	SMF (DO-219AB)	

e3 = Pins plated with tin (Sn)

e4 = Pins plated with precious metal
(e.g. Ag, Au, NiPd, NiPdAu) (no Sn)

= Totally lead (Pb)-free according to JESD97

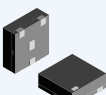
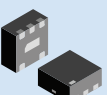
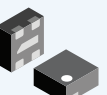
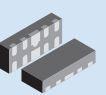
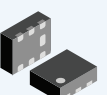
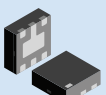
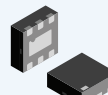
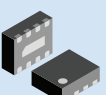
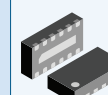
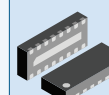
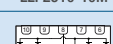
= Termination lead (Pb)-free according to JESD97

RoHS COMPLIANT = RoHS-compliant according to EU Directive 2011/65/EU

GREEN = Part is GREEN according to Vishay definition
see: <http://www.vishay.com/doc?99912>

HALOGEN FREE = Halogen-free according to JEDEC JS709A

Package														
Circuit Diagram														
Part Numbers	VCUT03E1-SD0 VCUT05E1-SD0 VBUS03B1-SD0 VBUS05B1-SD0 VCUT10A1-SD0 New AEC-Q101 qualified Coming Soon VCUT15A1-SD0	VCUT03F1-HD0 VCUT05F1-HD0 New	VESD03A1B-HD1 VESD03A1C-HD1 VESD05A1A-HD1 VESD05A1B-HD1 VESD05A1C-HD1 VESD12A1C-HD1 VESD12A1A-HD1 VESD15A1-HD1 VBUS051CD-HD1 VBUS051BD-HD1	VCUT0505B-HD1 VCUT0714A-HD1 VCUT07B1-HD1 VCUT03B1-DD1 VCUT05B1-DD1 VBUS05L1-DD1 VCUT0610AH01 VBUS05M1-DD1 VBUS03M1-DD1	VBUS05M2-HT1	VBUS54FD-SD1	VESD01-02V VESD03-02V VESD05-02V VESD08-02V VESD012-02V VESD05A1-02V VESD05A1B-02V	SMF5V0A to SMF58A	VLIN2626-02G VLIN1626-02G VLIN1616-02G	VLIN26A1-03G VCAN26A2-03G	GSOT03C GSOT04C GSOT05C GSOT08C GSOT12C GSOT15C GSOT24C GSOT36C	GSOT03 GSOT04 GSOT05 GSOT08 GSOT12 GSOT15 GSOT24 GSOT36	VCAN26A2-03S	GL05T GL12T GL15T GL24T

Package															
	LLP75-4L	LLP1010-6M	LLP1010-5L	LLP2510-10M	LLP1713-7L	LLP75-6L	LLP75-7L	LLP1713-9L	LLP2513-13L	LLP3313-17L					
Circuit Diagram															
Part Numbers	VBUS052BD-HTF	VBUS54DD-HS4	VBUS054DD-HF4	VBUS54GD-FBL	VBUS052CD-FAH	VESD05A5A-HSF GMF05C-HSF GMF05LC-HSF	VBUS054B-HSF VBUS54CV-HSF	VESD09A4A-HSF	VESD05A6-HAF VESD05A6A-HAF	VBUS053AZ-HAF VBUS053CZ-HAF	VEMI353A-HAF VEMI355A-HAF VEMI35AA-HAF	VEMI45AA-HNH VEMI45AB-HNH VEMI45AC-HNH	VESD05A8A-HNH VESD05A8B-HNH VESD05A8C-HNH	VEMI65AA-HCI VEMI65AB-HCI VEMI65AC-HCI	VEMI85AA-HGK VEMI85AB-HGK VEMI85AC-HGK

For technical questions, contact: EMIFilter@vishay.com or ESDProtection@vishay.comTHIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE PRODUCTS DESCRIBED HEREIN AND THIS DOCUMENT ARE SUBJECT TO SPECIFIC DISCLAIMERS, SET FORTH AT www.vishay.com/doc?91000

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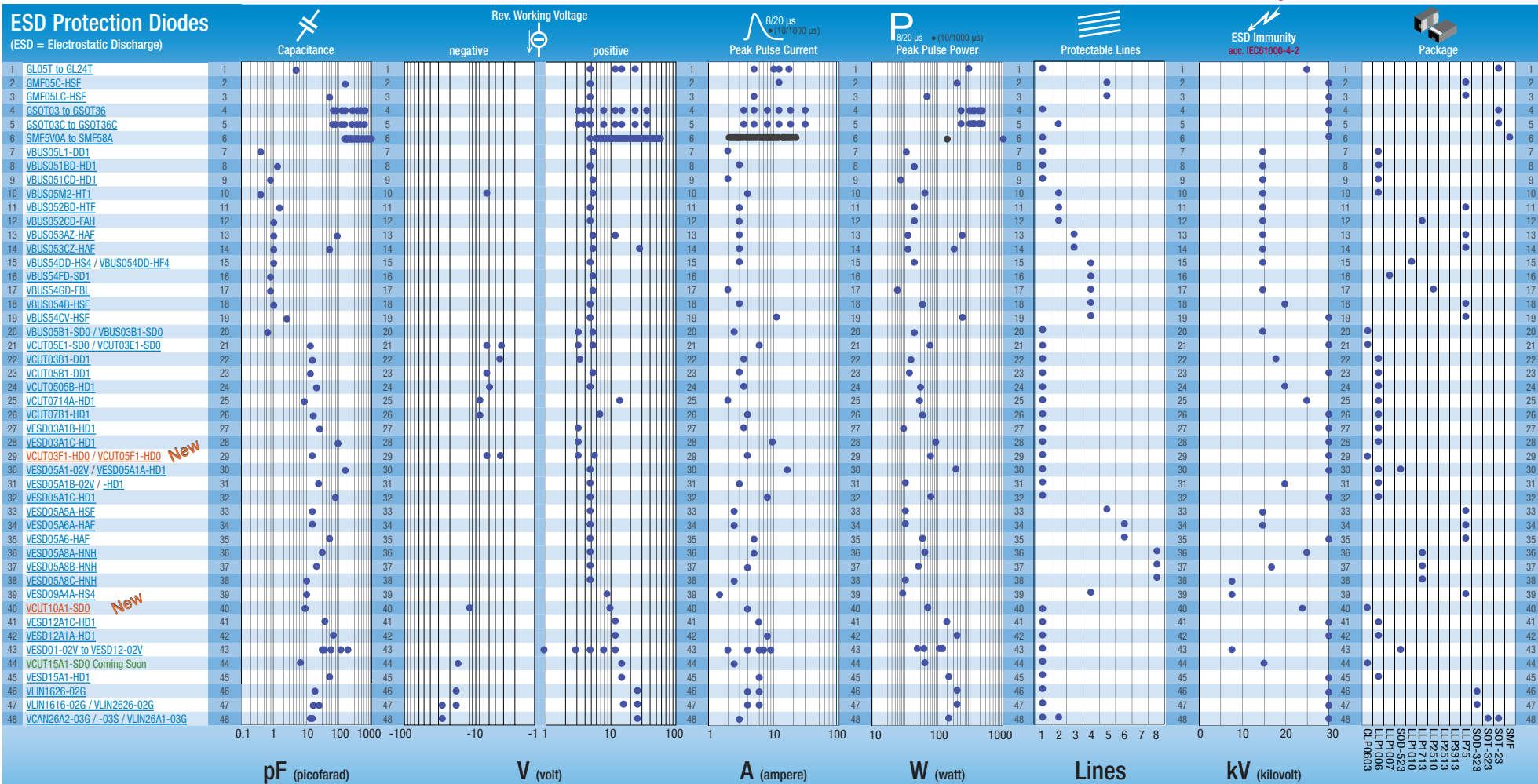
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Vishay Semiconductors

www.vishay.com/diodes/protection-tvs-esd

ESD Protection Diodes

(ESD = Electrostatic Discharge)



EMI Filters

(EMI = Electromagnetic Interference)

