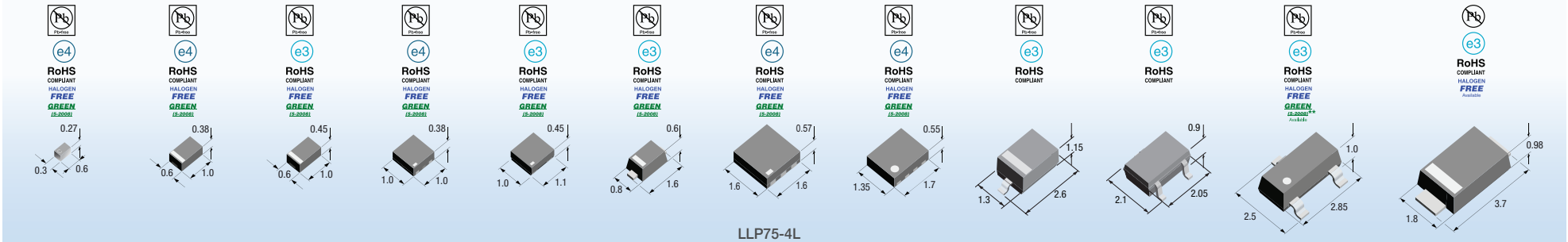
ESD PROTECTION DIODES

Vishay Semiconductors

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

The DNA of tech.



e3 = Pins plated with tin (Sn)

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

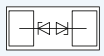
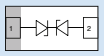
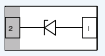
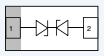
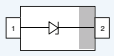
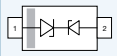
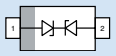
Pb = Totally lead (Pb)-free according to JESD97

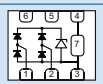
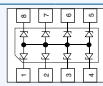
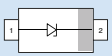
Pb = Termination are lead (Pb)-free according to JESD97

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

GREEN (5-2008) = Part is GREEN according to Vishay's definition see: www.vishay.com/doc?99912

HALOGEN FREE = Halogen-free according to JEDEC® JS709A

Package	CLP0603-2L	LLP1006-2L / LLP1006-2M		DFN1006-2A / DFN1006-2B		DFN1110-3A	SOD-523		SOD-323	SOT-323		
Circuit Diagram												
Part Numbers	AEC-Q101 qualified VCUT03G1-SD0 VCUT05G1-SD0 VCUT10G1-SD0 VCUT15G1-SD0 VBUS05B1-SD0	VESD03A1B-HD1 VESD03A1C-HD1 VESD05A1A-HD1 VESD05A1B-HD1 VESD05A1C-HD1	VCUT0505B-HD1 VCUT0714A-HD1 VCUT07B1-HD1 VCUT05B1-DD1 VBUS05L1-DD1	AEC-Q101 qualified VESD01C1-HD1 to VESD33C1-HD1 VMMBZ16C1HD1 to VMMBZ33C1HD1 VBUS03N1-HD1 VBUS05N1-HD1 VESD24E1-HD1	AEC-Q101 qualified VCUT0714BHD1 VMMBZ16C1DD1 to VMMBZ33C1DD1 VBUS03N1-DD1 VBUS05N1-DD1 VETH100A1DD1 VLIN1616-DD1 VLIN1626-DD1 VLIN2626-DD1	AEC-Q101 qualified VBUS05M2-HT5 VCAN24A2-HT5 VCAN33A2-HT5 VCAN36A2-HT5	AEC-Q101 qualified VESD01C1-02V to VESD33C1-02V VESD05A1-02V VESD05B1-02V VBUS05M1-02V	AEC-Q101 qualified VCUT0714A-02V	AEC-Q101 qualified VLIN2626-02G VLIN1626-02G VLIN1616-02G VLIN3333-02G	AEC-Q101 qualified VLIN26A1-03G	AEC-Q101 qualified VCAN16A2-03G VCAN26A2-03G VCAN26C2-03G VCAN33A2-03G VCAN33C2-03G VCAN36A2-03G VCAN36C2-03G Coming soon: VETH100A203G	AEC-Q101 qualified VESD01A2-03G to VESD33A2-03G

Package	SOT-23			LLP75-4L	LLP1010-6M	LLP1010-5L	LLP1713-7L	LLP75-6L		LLP75-7L		LLP1713-9L	SMF (DO-219AB)
Circuit Diagram													
Part Numbers	AEC-Q101 qualified Coming soon: VGSOT03C to VGSOT36C	AEC-Q101 qualified Coming soon: VGSOT03 to VGSOT36	AEC-Q101 qualified VCAN16A2-03S VCAN26A2-03S VCAN33A2-03S VCAN36A2-03S VCAN18A2-03S VETH100A203S	VBUS052BD-HTF	VBUS54DD-HS4	VBUS054DD-HF4	VBUS052CD-FAH	VESD05A5A-HSF GMF05C-HSF	VBUS054B-HSF VBUS54CV-HSF	VESD05A6-HAF VESD05A6A-HAF	VBUS053AZ-HAF VBUS053CZ-HAF	VESD05A8A-HNH	AEC-Q101 qualified SMF5V0A to SMF 58A VTVS3V3ASMF to VTVS63GSMF

Bold = new product

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Vishay Semiconductors

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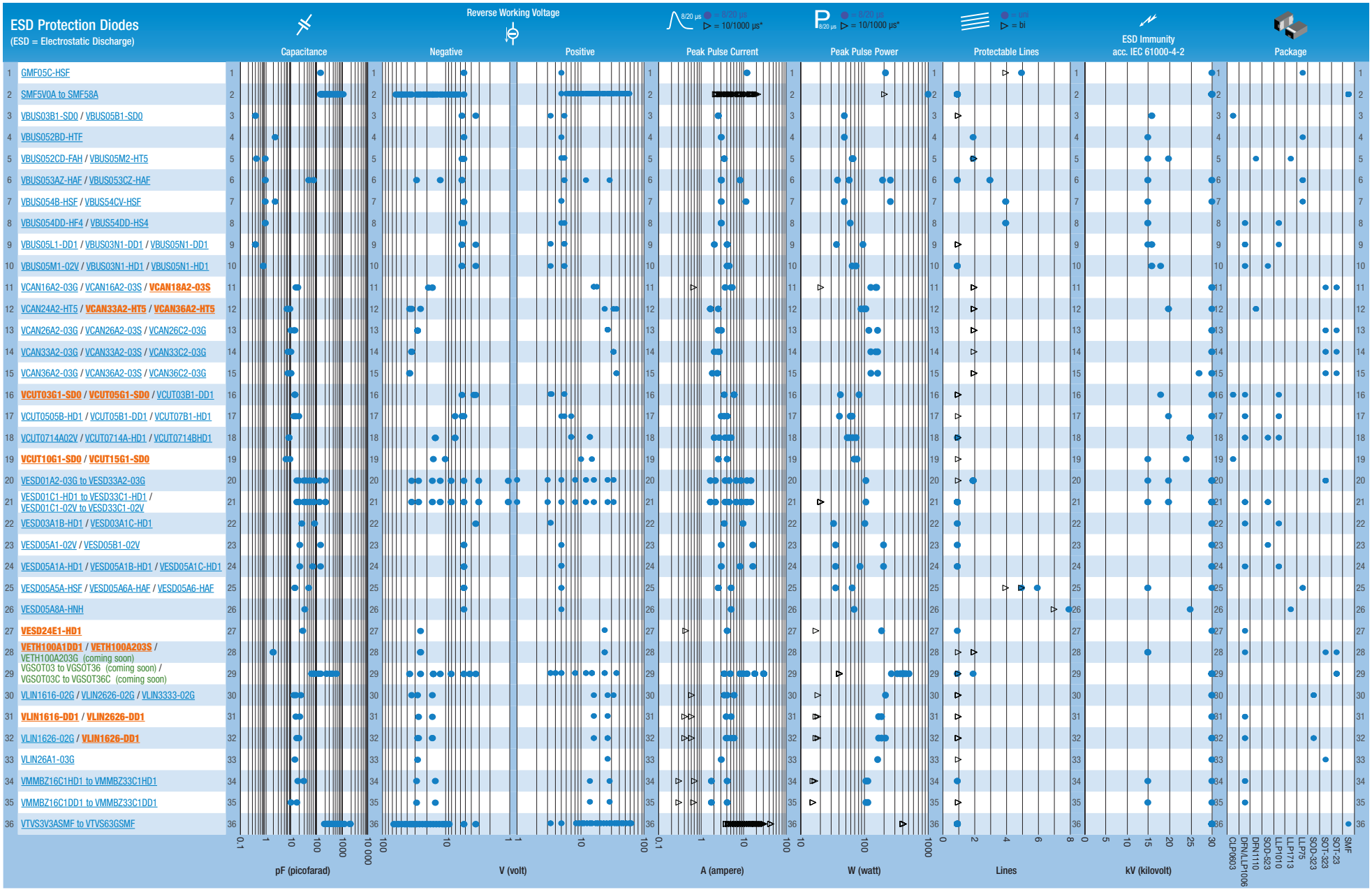
The DNA of tech.



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