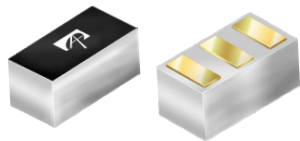


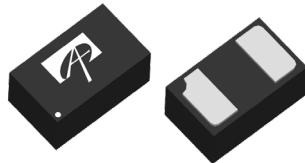


ESD and Surge Protection

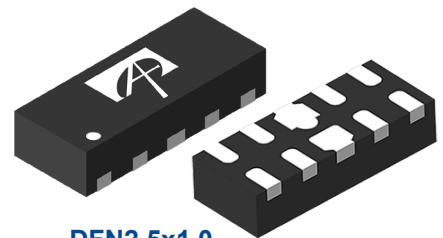
- High Surge Power TVS (VBUS and VBAT, DC Power Lines, etc.)
- High Surge Current TVS (Audio, CC, SBU Lines in Type C, etc.)
- ESD TVS (USB, HDMI, Thunderbolt, PCIE, etc.)



WLCSP0.6x0.3



DFN1.0x0.6



DFN2.5x1.0



Transient
Voltage
Suppressor



Product Specification Table

Part Number	V _{RWM} (V)	CH	Package	ESD (kV)		C _J (pF)	I _{PP} (A)	Major Application
				Contact	Air			
AOZ8S205BL2-05	5	2	WLCSP0.6x0.3-3	±9	±9	0.075	3	Antenna, RF Front End Module, Thunderbolt 5, PCIe, USB4
AOZ8S205BLS-05	5	1	WLCSP0.6x0.3-2	±8	±8	0.075	3	Thunderbolt 5, USB4, PCIe, HDMI2.1
AOZ8S204BL2-05	5	2	WLCSP0.6x0.3-3	±20	±20	0.15	8.5	Antenna, RF Front End Module, Thunderbolt 4, PCIe, USB4
AOZ8S207BLS-01	1	1	WLCSP0.6x0.3-2	±16	±16	0.15	5	Thunderbolt 4, USB4, PCIe
AOZ8S204BLS-05	5	1	WLCSP0.6x0.3-2	±20	±20	0.15	8.5	Thunderbolt 4, USB4, PCIe, HDMI2.1
AOZ8S204BLS-24	24	1	WLCSP0.6x0.3-2	±20	±20	0.15	8.5	
AOZ8S204BLS-30	30	1	WLCSP0.6x0.3-2	±20	±20	0.15	8.5	
AOZ8S305BLS-05	5	1	WLCSP0.6x0.3-2	±30	±30	0.5	20	
AOZ8S305BLS-24	24	1	WLCSP0.6x0.3-2	±30	±30	0.5	20	Type-C USB3.0/3.1/2.0
AOZ8S212UD4-05	5	4	DFN2.5x1.0-10L	±8	±10	0.2	3	HDMI 2.0, Display Port, USB3.0/3.1/3.2, V-by-One
AOZ8S306BD4-05	5.5	4	DFN2.0x1.0-10L	±11	±11	0.25	4	
AOZ8S321UD4-05	5	4	DFN2.5x1.0-10L	±15	±15	0.28	5	
AOZ8S326US4-05	5.5	4	SOT23-6L	±30	±30	0.7	9	USB2.0
AOZ8S325BDS-40	40	1	DFN1.0x0.6-2L	±8	±8	0.35	1	USB-PD3.1 CC-pin
AOZ8S507BDS-07	7	1	DFN1.0x0.6-2L	±30	±30	19	9	Power Rails Protection, General Purpose, Audio
AOZ8S515UDS-20	20	1	DFN1.6x1.0-2L	±30	±30	200	30	USB-PD3.0 VBUS-pin
AOZ8S516UDS-28	28	1	DFN1.6x1.0-2L	±30	±30	150	25	USB-PD3.1 VBUS-pin
AOZ8S516UDS-36*	36	1	DFN1.6x1.0-2L	±30	±30	130	18	
AOZ8S516UDS-48*	48	1	DFN1.6x1.0-2L	±30	±30	105	15	
AOZ8S530BLS-03	3.3	1	WLCSP0.6x0.3-2	±30	±30	30	35	
AOZ8S530BLS-05	5	1	WLCSP0.6x0.3-2	±30	±30	15	28	Battery & VBUS Protection, General Purpose, Audio
AOZ8S530BLS-07	7	1	WLCSP0.6x0.3-2	±30	±30	21	18	

* = Available Q2'24



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