



晶焱科技股份有限公司
AMAZING Microelectronic Corp.

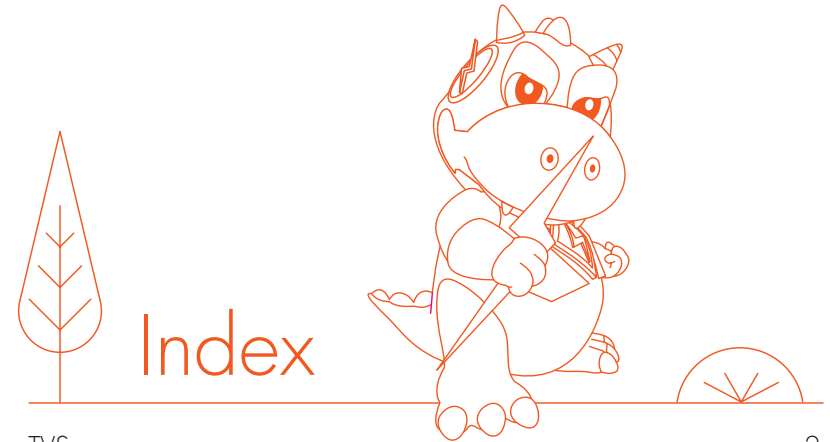
Taipei	Tel : +886-2-8227-8989
Shanghai	Tel : +86-21-6259-2878
Shenzhen	Tel : +86-755-2696-8022
Beijing	Tel : +86-10-6439-8676
Korea	Tel : +82-2-401-5291



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TVS

	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
1	AZ1013-02N	SOT143-4L	2.8	4.5	3.3	2	4	3.3
2	AZ1013-04C	SC70-5L	1.8	4.5	3.3	4	5	3.3
3	AZ1013-04F	DFN2510P10E	2	4.5	3.3	4	10	3.3
4	AZ1015-02N	SOT143-4L	2	6.1	5	2	4	5
5	AZ1015-02S	SOT23-5L	2	6.1	5	2	5	5
6	AZ101S-02F	DFN1210P6X	0.18	4.5	1.5	2	6	1.5
7	AZ1023-02F	DFN1210P6X	0.18	4.5	3.3	2	6	3.3
8	AZ1023-04F	DFN2510P10E	0.18	4.5	3.3	4	10	3.3
9	AZ1043-04F	DFN2510P10E	0.45	4.5	3.3	4	10	3.3
10	AZ1043-08F	DFN3810P9E	0.5	4.5	3.3	8	9	3.3
11	AZ1045-02F	DFN1210P6X	0.5	6	5	2	6	5
12	AZ1045-04F	DFN2510P10E	0.5	6	5	4	10	5
13	AZ1045-04QU	MSOP-10L	0.55	6	5	4	10	5
14	AZ1045-04SU	SOT23-6L	0.55	6	5	4	6	5
15	AZ1045-08F	DFN3810P9E	0.5	6	5	8	9	5
16	AZ1065-06F	DFN4120P10E	0.27	6	5	6	10	5
17	AZ1065-06Q	MSOP-8L	0.27	6	5	6	8	5
18	AZ1083-08F	DFN5515P18E	0.1	4.5	3.3	8	18	3.3
19	AZ108S-06F	DFN3310P10E	0.35	4.5	1.5	6	10	1.5
20	AZ111S-08F	DFN3810P9E	0.1	4.5	1.5	8	9	1.5
21	AZ1135-04S	SOT23-6L	1.7	6	5	4	6	5
22	AZ1143-04F	DFN2510P10E	0.45	4.5	3.3	4	10	3.3
23	AZ1165-06Q	MSOP-8L	0.45	6	5	6	8	5
24	AZ1213-04F	DFN2510P10E	2.1	5	3.3	4	10	3.3
25	AZ1243-04F	DFN2510P10E	0.5	4.5	3.3	4	10	3.3
26	AZ128S-08F	DFN5515P14E	0.5	4.5	1.5	8	14	1.5
27	AZ1345-04F	DFN2510P8E	0.35	6	5	4	8	5
28	AZ1365-06F	DFN4120P10E	0.35	4.5	2.2	6	10	3.3
29	AZ1513-04S	SOT23-6L	2	4.5	3.3	4	6	3.3
30	AZ1515-04S	SOT23-6L	1.8	6	5	4	6	5
31	AZ1603-01L	SOD-323	2	4	3.3	1	2	3.3
32	AZ1605-01L	SOD-323	2	6	5	1	2	5

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	EFT IO (A)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
9	6.5	30	30	80	12	2.92	1.30	1.06
7.8	5.7	30	30	80	15	2.10	1.25	0.95
7.8	5.2	30	25	80	15	2.50	1.00	0.50
13.5	8	24	16	40	13	2.92	1.30	1.06
13	7.8	24	16	40	13	2.92	1.60	1.20
12	N/A	15	8	N/A	2.5	1.20	1.00	0.45
13	N/A	15	8	20	3	1.20	1.00	0.45
11	N/A	15	8	20	3	2.50	1.00	0.50
10.5	N/A	15	11	N/A	4	2.50	1.00	0.50
9	N/A	15	12	N/A	5	3.80	1.00	0.50
12	N/A	15	10	N/A	3.5	1.20	1.00	0.45
12	N/A	15	10	N/A	3.5	2.50	1.00	0.50
12.5	N/A	19	12	N/A	N/A	3.00	3.00	1.00
12	N/A	19	12	N/A	4.7	2.92	1.60	1.45
10.5	N/A	15	15	N/A	5	3.80	1.00	0.50
13	N/A	15	8	N/A	N/A	4.10	2.00	0.50
13	N/A	15	8	N/A	N/A	3.00	3.00	1.00
16.5	N/A	15	8	N/A	3	5.50	1.50	0.50
7	N/A	15	10	N/A	N/A	3.30	1.00	0.50
15	N/A	15	8	N/A	3	3.80	1.00	0.50
7.2	5.8	30	30	80	17	2.90	1.60	1.10
9	N/A	18	16	40	6	2.50	1.00	0.50
9.5	N/A	15	10	N/A	N/A	3.00	3.00	1.00
6.5	5.2	30	30	80	20	2.50	1.00	0.50
8.5	5.5	27	25	50	12	2.50	1.00	0.50
5.5	N/A	18	16	40	6.5	5.50	1.50	0.50
12	N/A	15	10	N/A	N/A	2.50	1.00	0.50
8.5	N/A	15	10	N/A	4	4.10	2.00	0.50
7.5	5.8	30	30	80	30	2.90	1.60	1.10
9	7.3	30	30	80	30	2.90	1.60	1.10
12	9	30	30	80	20	1.70	1.30	0.85
14	11	30	30	80	19	1.70	1.30	0.85

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	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
33	AZ1613-01L	SOD-323	2	4.6	3.3	1	2	3.3
34	AZ1615-01L	SOD-323	1.9	6	5	1	2	5
35	AZ164S-04F	DFN2510P10E	0.45	9	1.5	4	10	1.5
36	AZ1743-04F	DFN1308P5Z	0.4	4.5	3.3	4	5	3.3
37	AZ176S-04F	DFN2510P10E	0.29	5	1.5	4	10	1.5
38	AZ1923-04F	DFN2510P10E	0.29	4.5	3.3	4	10	3.3
39	AZ1943-04F	DFN2010P5E	0.29	4.5	3.3	4	5	3.3
40	AZ2013-04C	SC70-5L	28	4.5	3.3	4	5	3.3
41	AZ2013-05C	SC70-6L	27	4.5	3.3	5	6	3.3
42	AZ2013-05R	SOT-563	26	4.5	3.3	5	6	3.3
43	AZ2015-01H	SOD-523	20	6.1	5	1	2	5
44	AZ2015-02S	SOT23-3L	55	6.1	5	2	3	5
45	AZ2015-05R	SOT-563	16	6.5	5	5	6	5
46	AZ2025-01H	SOD-523	11.5	6.1	5	1	2	5
47	AZ2025-02S	SOT23-3L	12	6.1	5	2	3	5
48	AZ2025-04R	SOT-563	5.5	6	5	4	6	5
49	AZ2025-04S	SOT23-5L	12	6.1	5	4	5	5
50	AZ2113-04F	DFN2116P8X	36	4.5	3.3	4	8	3.3
51	AZ2115-04C	SC70-5L	13	6	5	4	5	5
52	AZ2115-04SN1	SOT23-6L	13	6	5	4	6	5
53	AZ2115-05C	SC70-6L	13	6	5	5	6	5
54	AZ2115-05F	QFN1616P6E	13	6	5	5	6	5
55	AZ2115-05S	SOT23-6L	13	6	5	5	6	5
56	AZ2215-01L	SOD-323	25	6.1	5	1	2	5
57	AZ2225-01L	SOD-323	14	6.1	5	1	2	5
58	AZ3003-01G	SOD123	1500	4	3.3	1	2	3.3
59	AZ3005-01G	SOD123	1300	6	5	1	2	5
60	AZ3025-04F	DFN2010P8Z	5.5	3	2.5	4	8	2.5
61	AZ3028-04P	SO-8	5.5	3	2.8	4	8	2.8
62	AZ3028-08P	SO-8	3	3	2.8	8	8	2.8
63	AZ3103-01F	DFN1610P2E	465	4	3.3	1	2	3.3
64	AZ3105-01F	DFN1610P2E	250	6	5	1	2	5

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	EFT IO (A)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
8	6.5	30	30	80	21	1.70	1.30	0.85
9.5	7.5	30	30	80	21	1.70	1.30	0.85
4.8	N/A	17	15	40	5.5	2.50	1.00	0.50
9.5	N/A	15	11	N/A	4	1.30	0.80	0.40
4.3	N/A	15	14	30	4	2.50	1.00	0.50
10	7.5	15	13	30	5	2.50	1.00	0.50
9.5	7.5	16	14	30	5	2.00	1.00	0.50
6.5	5	16	12	40	7	2.05	1.25	1.00
6.5	N/A	16	12	40	N/A	2.05	1.25	1.00
6	N/A	18	18	60	N/A	1.60	1.20	0.56
9	7	23	15	40	8.5	1.20	0.80	0.60
9	6	30	22	80	16	2.90	1.30	1.02
8.5	N/A	15	12	30	N/A	1.60	1.20	0.56
10.5	7	22	15	40	8.5	1.20	0.80	0.60
10.5	7	22	15	40	8.5	2.90	1.30	1.02
12	N/A	17	12	40	N/A	1.60	1.20	0.56
10.5	7	22	15	40	8.5	2.92	1.60	1.20
6.5	6	20	20	60	5	2.10	1.60	0.45
7.8	6.5	16	10	35	6	2.05	1.25	1.00
8.5	6.5	16	10	35	6	2.92	1.60	1.45
7.8	6.8	16	10	35	6	2.05	1.25	1.00
8.5	6.8	16	10	35	6	1.60	1.60	0.55
8.5	6.8	16	10	35	6	2.92	1.60	1.45
9	7	25	15	40	8.5	1.70	1.30	0.90
10.5	7	22	15	40	8.5	1.70	1.30	0.90
8	7	30	30	80	65	2.70	1.60	1.15
8.5	7.5	30	30	80	60	2.70	1.60	1.15
N/A	7	20	20	N/A	10	2.00	1.00	0.40
N/A	10	30	30	60	30	4.90	3.90	1.55
N/A	12	30	30	80	30	4.90	3.90	1.55
4.8	5.3	30	30	80	80	1.60	1.00	0.50
6	6.4	30	30	80	80	1.60	1.00	0.50

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	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
65	AZ3105-04P	SO-8	4	6	5	4	8	5
66	AZ3125-08F	DFN3020P10E	1.7	3	2.5	4	10	2.5
67	AZ3128-04P	SO-8	3	3	2.8	4	8	2.8
68	AZ3133-04F	DFN2525P10E	3	3.9	3.3	4	10	3.3
69	AZ3133-08F	DFN3020P10E	3.6	3.9	3.3	4	10	3.3
70	AZ3205-01F	DFN1610P2E	140	6.0	5	1	2	5
71	AZ3233-02F	DFN2525P10E	10	3.9	3.3	6	10	3.3
72	AZ3405-01F	DFN1610P2E	65	6	5	1	2	5
73	AZ3505-01F	DFN1610P2E	310	5	4.5	1	2	4.5
74	AZ3603-01F	DFN1610P2E	280	3.7	3.3	1	2	3.3
75	AZ3705-01F	DFN2020P3E	430	5	4.5	1	3	4.5
76	AZ4007-01H	SOD-523	60	8.5	7	1	2	7
77	AZ4007-01L	SOD-323	60	8.5	7	1	2	7
78	AZ4007-02S	SOT23-3L	60	8.5	7	2	3	7
79	AZ4008-01G	SOD123	1100	9	8	1	2	8
80	AZ4010-01G	SOD123	750	11.2	10	1	2	10
81	AZ4012-01F	DFN1006P2X	40	13.5	12	1	2	12
82	AZ4012-01G	SOD123	290	14.4	12	1	2	12
83	AZ4012-01H	SOD-523	40	13.5	12	1	2	12
84	AZ4012-01L	SOD-323	40	13.5	12	1	2	12
85	AZ4012-02S	SOT23-3L	40	13.5	12	2	3	12
86	AZ4015-01G	SOD123	675	16.7	15	1	2	15
87	AZ4018-01G	SOD123	620	20	18	1	2	18
88	AZ4020-01F	DFN2020P2E	650	22.8	20	1	2	20
89	AZ4020-01G	SOD123	580	22.2	20	1	2	20
90	AZ4024-01F	DFN1006P2X	42	26.7	24	1	2	24
91	AZ4024-01G	SOD123	450	26.7	24	1	2	24
92	AZ4024-01H	SOD-523	60	26.7	24	1	2	24
93	AZ4024-01L	SOD-323	60	26.7	24	1	2	24
94	AZ4024-02S	SOT23-3L	20	26.7	24	2	3	24
95	AZ4028-01G	SOD123	300	31.1	28	1	2	28
96	AZ4030-01G	SOD123	480	33.3	30	1	2	30

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	EFT IO (A)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
9	7.3	20	20	80	30	4.90	3.90	1.55
8	6.5	30	30	80	45	3.00	2.00	0.55
N/A	12	30	30	60	30	4.90	3.90	1.55
11.5	12	30	30	80	25	2.50	2.50	0.52
10.5	9	30	30	80	45	3.00	2.00	0.55
6.0	5.6	30	30	80	100	1.60	1.00	0.50
N/A	9.2	30	30	80	50	2.50	2.50	0.55
6	6.5	30	30	80	50	1.60	1.00	0.50
5.5	5	30	30	80	200	1.60	1.00	0.50
4.7	5	30	30	80	180	1.60	1.00	0.50
5.5	5	30	30	80	250	2.00	2.00	0.55
12.5	11.7	30	25	80	5.5	1.20	0.80	0.60
12.5	12	30	25	80	5.5	1.70	1.30	0.90
12.5	11.5	30	25	80	6	2.90	1.30	1.02
12	10.5	30	30	80	60	2.70	1.60	1.15
13.5	13	30	30	80	53	2.70	1.60	1.15
20	N/A	24	18	60	N/A	1.00	0.60	0.45
17.5	16.5	30	30	80	20	2.70	1.60	1.15
20	N/A	26	20	60	N/A	1.20	0.80	0.60
22	N/A	18	18	60	N/A	1.70	1.30	0.90
23	N/A	26	20	60	N/A	2.90	1.30	1.02
19.5	18	30	30	80	40	2.70	1.60	1.15
25	22	30	30	80	34	2.70	1.60	1.15
25	24	30	30	0	58	2.00	2.00	0.50
26	23.5	30	30	80	30	2.70	1.60	1.15
42	N/A	25	25	60	N/A	1.00	0.60	0.45
32	30	30	30	80	25	2.70	1.60	1.15
37.5	41.5	25	25	70	5	1.20	0.80	0.60
38	42.5	30	30	80	5	1.70	1.30	0.90
43.5	35	15	15	60	5.5	2.90	1.30	1.02
36	34	30	30	80	22	2.70	1.60	1.15
40	37	30	30	80	20	2.70	1.60	1.15

TVS

	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
97	AZ4036-01G	SOD123	420	40	36	1	2	36
98	AZ4040-01G	SOD123	200	44.2	40	1	2	40
99	AZ4045-01G	SOD123	240	50	45	1	2	45
100	AZ4107-01F	DFN1006P2X	160	8	7	1	2	7
101	AZ4112-01G	SOD123	780	14	12	1	2	12
102	AZ4115-01F	DFN1006P2X	65	16.7	15	1	2	15
103	AZ4120-01F	DFN1006P2X	52	22.2	20	1	2	20
104	AZ4124-01F	DFN1006P2E	72	25.5	24	1	2	24
105	AZ4128-03F	DFN1616P6X	0.65	6	5	3	6	5
106	AZ4200-01S	SOT23-3L	10	120	100	1	3	100
107	AZ4208-01F	DFN1006P2X	30	9	8	1	2	8
108	AZ4212-01F	DFN1006P2X	3.6	13.7	12	1	2	12
109	AZ4212-01G	SOD123	60	13.7	12	1	2	12
110	AZ4233-01F	DFN1006P2X	13	35	33	1	2	33
111	AZ4307-01F	DFN2020P2E	1650	7.8	7	1	2	7
112	AZ4310-01F	DFN2020P2E	950	11.2	10	1	2	10
113	AZ4326-01F	DFN2020P2E	520	28.7	26	1	2	26
114	AZ4507-01F	DFN1610P2E	830	7.8	7	1	2	7
115	AZ4510-01F	DFN1610P2E	465	11.2	10	1	2	10
116	AZ4512-01F	DFN1610P2E	440	13.3	12	1	2	12
117	AZ4512-01L	SOD-323	440	13.3	12	1	2	12
118	AZ4514-01F	DFN1610P2E	340	15.5	14	1	2	14
119	AZ4516-01F	DFN1610P2E	290	18	16	1	2	16
120	AZ4520-01F	DFN1610P2E	240	22.8	20	1	2	20
121	AZ4524-01F	DFN1610P2E	210	26.7	24	1	2	24
122	AZ4536-01F	DFN1610P2E	160	40	36	1	2	36
123	AZ4612-01L	SOD-323	1.8	13.5	12	1	2	12
124	AZ4615-01L	SOD-323	1.8	17	15	1	2	15
125	AZ4616-01F	DFN1610P2E	1.9	18.5	16	1	2	16
126	AZ4617-01F	DFN1006P2E	0.4	18.7	17	1	2	17
127	AZ4624-01L	SOD-323	1.8	26.5	24	1	2	24
128	AZ4660-04F	DFN2510P10E	3.5	65	60	4	10	60

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	EFT IO (A)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
47	43	30	30	80	16	2.70	1.60	1.15
53	50	30	30	80	13	2.70	1.60	1.15
59	56	30	30	80	15	2.70	1.60	1.15
10	9.2	30	30	80	12	1.00	0.60	0.45
17	15.5	30	30	80	45	2.70	1.60	1.15
21	21.5	30	30	80	6	1.00	0.60	0.45
29	N/A	30	30	80	4.5	1.00	0.60	0.48
30	32	30	30	80	6.5	1.00	0.60	0.50
15	N/A	15	12	40	3	1.60	1.60	0.45
168	N/A	15	8	N/A	N/A	2.90	1.30	0.98
15	14	30	30	60	5	1.00	0.60	0.45
18	N/A	16	16	40	13	1.00	0.60	0.50
17	16.5	30	30	80	25	2.70	1.60	1.15
70	N/A	15	15	40	N/A	1.00	0.60	0.48
9.5	8	30	30	80	180	2.00	2.00	0.50
13	N/A	30	30	80	150	2.00	2.00	0.50
31.8	N/A	30	30	N/A	46	2.00	2.00	0.50
10	8.5	30	30	80	100	1.60	1.00	0.50
13	N/A	30	30	80	80	1.60	1.00	0.50
15	14.5	30	30	80	38	1.60	1.00	0.50
15	14.5	30	30	80	38	1.70	1.30	0.90
18	17.5	30	30	80	32	1.60	1.00	0.50
20.5	N/A	30	30	80	60	1.60	1.00	0.50
25.5	25.5	30	30	80	24	1.60	1.00	0.50
30	N/A	30	30	80	50	1.60	1.00	0.50
44	45	30	30	80	14	1.60	1.00	0.50
22	17.5	30	30	80	12	1.70	1.30	0.90
27	23	20	20	80	10	1.70	1.30	0.90
28	23	20	20	60	8	1.60	1.00	0.50
38	N/A	15	10	N/A	N/A	1.00	0.60	0.50
36	31	18	18	40	5	1.70	1.30	0.90
110	N/A	15	12	40	2	2.50	1.00	0.50

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	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
129	AZ4712-01F	DFN2020P3E	1100	13.3	12	1	3	12
130	AZ4714-01F	DFN2020P3E	950	15.5	14	1	3	14
131	AZ4715-01F	DFN2020P3E	900	16.5	15	1	3	15
132	AZ4718-01F	DFN2020P3E	700	20	18	1	3	18
133	AZ4808-01F	DFN1006P2E	10	9	8	1	2	8
134	AZ4824-02S	SOT23-3L	38	26.2	24	2	3	24
135	AZ4836-01L	SOD-323	13	40	36	1	2	36
136	AZ4A07-01B	CSP0603P2Y	50	8	7	1	2	7
137	AZ4A12-01F	DFN0603P2Y	3.5	13.5	12	1	2	12
138	AZ4A18-01F	DFN0603P2Y	7	20	18	1	2	18
139	AZ4A20-01F	DFN0603P2Y	6.5	22.8	20	1	2	20
140	AZ4A21-01B	CSP0603P2Y	15	23.8	21	1	2	21
141	AZ4A24-01F	DFN0603P2Y	5.8	26.8	24	1	2	24
142	AZ5013-01F	DFN1006P2X	55	4.5	3.3	1	2	3.3
143	AZ5013-01H	SOD-523	55	4.5	3.3	1	2	3.3
144	AZ5015-01F	DFN1006P2X	24	5.8	5	1	2	5
145	AZ5015-01H	SOD-523	24	5.8	5	1	2	5
146	AZ5123-01F	DFN1006P2X	13.5	4	3.3	1	2	3.3
147	AZ5123-01H	SOD-523	13.5	4	3.3	1	2	3.3
148	AZ5123-02F	DFN1006P3X	20	3.8	3.3	2	3	3.3
149	AZ5123-02S	SOT23-3L	11	4	3.3	2	3	3.3
150	AZ5125-01H	SOD-523	7	6	5	1	2	5
151	AZ5125-02F	DFN1006P3X	7	5.7	5	2	3	5
152	AZ5125-02S	SOT23-3L	6	5.8	5	2	3	5
153	AZ5213-02F	DFN1006P3X	0.5	5	3.3	2	3	3.3
154	AZ5215-01F	DFN1006P2E	0.8	6	5	1	2	5
155	AZ5313-02F	DFN1006P3X	0.35	4.5	3.3	2	3	3.3
156	AZ5323-01F	DFN1006P2E	0.45	4.5	3.3	1	2	3.3
157	AZ5325-01F	DFN1006P2E	0.5	7	5	1	2	5
158	AZ5413-01F	DFN1006P2E	0.75	5	3.3	1	2	3.3
159	AZ5423-01F	DFN1006P2E	0.85	4.5	3.3	1	2	3.3
160	AZ5425-01F	DFN1006P2E	0.8	7	5	1	2	5

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	EFT IO (A)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
15	N/A	30	30	80	225	2.00	2.00	0.55
16.5	N/A	30	30	80	200	2.00	2.00	0.55
18	17	30	30	80	170	2.00	2.00	0.55
22	22	30	30	80	138	2.00	2.00	0.55
11.5	11	25	25	80	7.5	1.00	0.60	0.52
32	32	30	30	80	6.5	2.90	1.30	0.98
47	N/A	25	25	60	2	1.70	1.30	0.85
13.5	11	30	30	80	7	0.60	0.30	0.28
18	N/A	20	20	50	3	0.60	0.30	0.30
32	N/A	20	20	50	N/A	0.60	0.30	0.30
34	N/A	20	20	50	N/A	0.60	0.30	0.30
30	N/A	30	30	80	2.5	0.60	0.30	0.27
48	N/A	20	18	40	N/A	0.60	0.30	0.30
6.5	N/A	30	30	80	4	1.00	0.60	0.45
7	N/A	30	30	80	4	1.20	0.80	0.60
7	N/A	30	30	80	N/A	1.00	0.60	0.45
8	N/A	30	30	80	N/A	1.20	0.80	0.60
7	6.5	16	16	50	5	1.00	0.60	0.45
7.5	N/A	16	16	50	4.5	1.20	0.80	0.60
6.5	7	30	30	80	8	1.00	0.60	0.45
8.5	N/A	15	15	40	4	2.90	1.30	1.02
10	N/A	20	15	50	N/A	1.20	0.80	0.60
11	N/A	15	15	50	N/A	1.00	0.60	0.48
11.5	N/A	15	15	40	N/A	2.90	1.30	1.02
9	5.7	15	15	N/A	5.5	1.00	0.60	0.45
12	N/A	15	10	N/A	N/A	1.00	0.60	0.50
9.5	N/A	15	10	N/A	3.5	1.00	0.60	0.45
12	N/A	17	15	N/A	4	1.00	0.60	0.50
25	N/A	15	8	N/A	N/A	1.00	0.60	0.50
8.5	5.6	20	20	50	7.5	1.00	0.60	0.52
14	10	15	13	N/A	5.5	1.00	0.60	0.52
24	N/A	15	8	N/A	N/A	1.00	0.60	0.52

TVS

	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
161	AZ5425-04F	DFN2510P10E	0.4	5.8	5	4	10	5
162	AZ5425-08F	DFN3810P9E	0.3	5.8	5	8	9	5
163	AZ5515-02F	DFN1006P3X	0.8	6	5	2	3	5
164	AZ5525-01F	DFN1006P2X	27	5.6	5	1	2	5
165	AZ5725-01F	DFN1006P2X	8	5.8	5	1	2	5
166	AZ5815-01F	DFN1006P2E	85	6.2	5.5	1	2	5.5
167	AZ5825-01F	DFN1006P2E	30	6	5	1	2	5
168	AZ5845-01F	DFN1006P2X	80	4.7	4.5	1	2	4.5
169	AZ5883-01F	DFN1006P2E	70	4.5	3.3	1	2	3.3
170	AZ5925-01H	SOD-523	27	5.6	5	1	2	5
171	AZ5926-02F	DFN1210P6X	32	6.7	6	2	6	6
172	AZ5A23-01F	DFN0603P2Y	11	3.8	3.3	1	2	3.3
173	AZ5A25-02R	SOT523-3L	5.5	5.6	5	2	3	5
174	AZ5A75-01F	DFN0603P2Y	5.5	5.6	5	1	2	5
175	AZ5A83-01B	CSP0603P2Y	52.5	4	3.3	1	2	3.3
176	AZ5A85-01B	CSP0603P2Y	31	6	5	1	2	5
177	AZ5B65-01F	DFN0603P2Y	0.3	6	5	1	2	5
178	AZ5B75-01B	CSP0603P2Y	0.1	6	5	1	2	5
179	AZ5B85-01B	CSP0603P2Y	0.5	6	5	1	2	5
180	AZ5B8S-01F	DFN0603P2Y	0.18	4	1.5	1	2	1.5
181	AZ5C23-01B	CSP0402P2U	7	4	3.3	1	2	3.3
182	AZ5C25-01B	CSP0402P2U	14	6	5	1	2	5
183	AZ5H33-01F	DFN1006P2E	0.85	16	3.3	1	2	3.3
184	AZ6112-01F	DFN1006P2E	13.5	11	1.2	1	2	1.2
185	AZ6118-01F	DFN1006P2X	40	2.2	1.8	1	2	1.8
186	AZ6225-01F	DFN1006P2E	62.5	3.5	2.5	1	2	2.5
187	AZ6425-01F	DFN1610P2E	355	3.5	2.5	1	2	2.5
188	AZ6425-01G	SOD123	350	3.5	2.5	1	2	2.5
189	AZ6518-01F	DFN1610P2E	160	2.2	1.8	1	2	1.8
190	AZ6A25-01B	CSP0603P2Y	75	3.5	2.5	1	2	2.5
191	AZC002-02N	SOT143-4L	1.2	6.2	5	2	4	5
192	AZC002-04S	SOT23-6L	1.2	6.2	5	4	6	5

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	EFT IO (A)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
11	N/A	15	15	40	5	2.50	1.00	0.50
11.5	N/A	15	15	40	5	3.80	1.00	0.50
10	7	22	22	80	11	1.00	0.60	0.45
10	9	30	30	80	8.5	1.00	0.60	0.45
10	N/A	15	15	50	N/A	1.00	0.60	0.45
6.0	5.5	30	30	80	40	1.00	0.60	0.50
6.5	7	30	30	80	18	1.00	0.60	0.52
6.5	5.8	30	30	80	55	1.00	0.60	0.48
5	4.5	30	30	80	42	1.00	0.60	0.50
9.5	9	30	30	80	12	1.20	0.80	0.64
10.5	10	30	30	80	20	1.20	1.00	0.45
8	N/A	20	20	50	5	0.60	0.30	0.30
13	N/A	15	15	40	N/A	1.60	0.80	0.80
12	N/A	17	15	40	N/A	0.60	0.30	0.30
5	4.5	25	25	80	16	0.60	0.30	0.28
6	6	25	25	80	16	0.60	0.30	0.28
20	11	15	15	N/A	5	0.60	0.30	0.30
18	N/A	15	8	N/A	N/A	0.60	0.30	0.28
11	N/A	16	16	N/A	4	0.60	0.30	0.28
5.5	N/A	15	12	N/A	4	0.60	0.30	0.30
5.8	N/A	18	18	50	N/A	0.44	0.24	0.17
6	5.6	16	13	50	10	0.44	0.24	0.17
15	13.5	20	20	80	13	1.00	0.60	0.50
5	3.5	15	15	80	12	1.00	0.60	0.52
4.5	4.2	30	30	80	15	1.00	0.60	0.48
5	4	30	30	80	20	1.00	0.60	0.52
4	3	30	30	80	80	1.60	1.00	0.50
4.7	3.5	30	30	80	60	2.70	1.60	1.15
3.6	3.0	30	30	80	65	1.60	1.00	0.50
4.5	4	30	30	80	16	0.60	0.30	0.28
13	8.1	17	12	20	6	2.92	1.30	1.06
13	8.1	17	12	20	6	2.92	1.60	1.45

⚡ TVS

	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
193	AZC015-04C	SC70-6L	1.3	6	5	4	6	5
194	AZC015-04F	QFN1616P6E	1.3	6	5	4	6	5
195	AZC099-04S	SOT23-6L	1.0	6.2	5	4	6	5
196	AZC199-02S	SOT23-3L	1.6	7	5	2	3	5
197	AZC199-04C	SC70-6L	1	6	5	4	6	5
198	AZC199-04S	SOT23-6L	1	6	5	4	6	5
199	AZC299-02R	SOT-563	2	6	5	2	6	5
200	AZC299-02S	SOT23-6L	2.1	6	5	2	6	5
201	AZC398-04C	SC70-5L	1.9	6	5	4	5	5
202	AZC399-04C	SC70-6L	1.4	6	5	4	6	5
203	AZC399-04S	SOT23-6L	1.4	6	5	4	6	5
204	AZC615-04S	SOT23-6L	1.8	6	5	4	6	5

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	EFT IO (A)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
12.5	8.1	18	14	20	6.5	2.10	1.25	0.95
12.5	8.1	21	14	20	6.5	1.60	1.60	0.55
11.5	9	15	15	40	5.5	2.90	1.60	1.10
11	8.5	16	16	55	5	2.90	1.30	1.02
11	8.5	15	15	50	5	2.05	1.25	1.00
11	8.5	27	16	55	6	2.92	1.60	1.45
9.5	7.8	15	15	60	6	1.60	1.20	0.56
10.5	7.5	16	16	60	7	2.92	1.60	1.45
10	8	26	16	60	8.5	2.05	1.25	1.00
11	7.5	26	16	60	8.5	2.05	1.25	1.00
11	7.5	27	17	60	10	2.92	1.60	1.45
8	7	30	30	70	10	2.92	1.60	1.25

⚡ Automotive

	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
1	AZ9113-04S	SOT23-6L	2.1	4.5	3.3	4	6	3.3
2	AZ9115-04S	SOT23-6L	2	6	5	4	6	5
3	AZ9143-04F	DFN2510P10E	0.45	4.5	3.3	4	10	3.3
4	AZ9143-08F	DFN3810P9E	0.5	4.5	3.3	8	9	3.3
5	AZ9153-04S	SOT23-6L	2.1	4.5	3.3	4	6	3.3
6	AZ9305-01G	SOD123	1500	6	5	1	2	5
7	AZ9313-01F	DFN1610P2E	460	4	3.3	1	2	3.3
8	AZ9315-01F	DFN1610P2E	250	6	5	1	2	5
9	AZ9407-01H	SOD-523	60	8	7	1	2	7
10	AZ9408-01G	SOD123	900	9	8	1	2	8
11	AZ9412-01G	SOD123	780	13.5	12	1	2	12
12	AZ9412-01H	SOD-523	40	13.5	12	1	2	12
13	AZ9424-01F	DFN1006P2X	42	27	24	1	2	24
14	AZ9424-01G	SOD123	455	26.7	24	1	2	24

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
7.5	8.5	30	30	16	2.92	1.60	1.45
9	9.5	30	30	15	2.92	1.60	1.45
9	6.6	15	15	5	2.50	1.00	0.50
9	N/A	15	12	N/A	3.80	1.00	0.50
7.5	6	30	30	15	2.90	1.60	1.10
8.5	7.5	30	30	55	2.70	1.60	1.15
4.8	5.4	30	30	70	1.60	1.00	0.50
6	6.5	30	30	60	1.60	1.00	0.50
13.5	N/A	30	30	N/A	1.20	0.80	0.63
11.5	10.5	30	30	50	2.70	1.60	1.15
16.5	15.5	30	30	35	2.70	1.60	1.15
20	N/A	18	18	N/A	1.20	0.80	0.63
42	N/A	30	30	N/A	1.00	0.60	0.45
31	30	30	30	20	2.70	1.60	1.15

⚡ Automotive

	Part No.	Package	Capacitance (pf, Typical)	VBR (V)	VRWM (Reverse Stand-off Voltage)	Channel #	PINS	Operation Voltage (V)
15	AZ9424-01H	SOD-523	60	26.7	24	1	2	24
16	AZ9424-02S	SOT23-3L	38	26.2	24	2	3	24
17	AZ9436-01G	SOD123	420	40	36	1	2	36
18	AZ9513-01F	DFN1006P2X	55	4.5	3.3	1	2	3.3
19	AZ9523-01F	DFN1006P2X	15	4	3.3	1	2	3.3
20	AZ9525-01H	SOD-523	7.5	5.6	5	1	2	5
21	AZ9565-01F	DFN1006P2E	0.45	7	5	1	2	5
22	AZ9585-01F	DFN1006P2E	28	6	5	1	2	5
23	AZ9625-01F	DFN1006P2E	63	3.5	2.5	1	2	2.5
24	AZ9707-01F	DFN1610P2E	850	7.8	7	1	2	7
25	AZ9710-01F	DFN1610P2E	480	11.2	10	1	2	10
26	AZ9712-01F	DFN1610P2E	550	13.3	12	1	2	12
27	AZ9716-01F	DFN1610P2E	300	18	16	1	2	16
28	AZ9720-01F	DFN1610P2E	250	22.8	20	1	2	20
29	AZ9724-01F	DFN1610P2E	210	26.7	24	1	2	24
30	AZ9736-01F	DFN1610P2E	160	40	36	1	2	36
31	AZ9808-01F	DFN1006P2X	28	9	8	1	2	8
32	AZ9812-01F	DFN1006P2X	3.5	13.5	12	1	2	12
33	AZ9817-01F	DFN1006P2E	0.4	18.7	17	1	2	17
34	AZ9824-01L	SOD-323	55	25.5	24	1	2	24
35	AZ9C98-08F	DFN3810P9E	1	4.5	3.3	8	9	3.3

ESD Clamping Voltage (V) @8kV	Surge Clamping Voltage (V) @5A	ESD Air (kV)	ESD Contact (kV)	Surge IPP (A)	Size (L) mm	Size (W) mm	Size (H) mm
39	N/A	30	30	N/A	1.20	0.80	0.63
31	31	30	30	6	2.90	1.30	0.98
47	43	30	30	12	2.70	1.60	1.15
6	N/A	30	30	N/A	1.00	0.60	0.45
7	N/A	16	16	N/A	1.00	0.60	0.45
11	N/A	18	18	N/A	1.20	0.80	0.63
20	N/A	15	12	N/A	1.00	0.60	0.53
6.5	6	25	25	15	1.00	0.60	0.53
5	4.3	30	30	20	1.00	0.60	0.53
9.0	8.5	30	30	45	1.60	1.00	0.50
12.7	12.3	30	30	32	1.60	1.00	0.50
15	14.5	30	30	25	1.60	1.00	0.50
20	20	30	30	20	1.60	1.00	0.50
25.5	24.5	30	30	18	1.60	1.00	0.50
31	30	30	30	16	1.60	1.00	0.50
44	44	30	30	11	1.60	1.00	0.50
15.5	N/A	30	30	N/A	1.00	0.60	0.45
17	N/A	16	16	N/A	1.00	0.60	0.45
38	N/A	15	10	N/A	1.00	0.60	0.53
31	29	30	30	8	1.70	1.30	0.85
8	6.5	16	16	6.5	3.80	1.00	0.50

⚡ Transceiver

Interface	Part No.	Package	Supply Voltage	Half/Full Duplex	Data Rate (bps)
CAN	AZCAN1040T	SO-8	5V	Half	2M
	AZCAN1042T	SO-8	5V	Half	2M
RS485	AZRS13085	SO-8	5V	Half	10M
	AZRS3072	SO-8	3.3V	Half	250k
	AZRS3078	SO-8	3.3V	Half	16M

Transceivers on Bus	Receiver Fail-Safe	Surge Robustness	I/O ESD MM	System ESD Contact	Feature Highlight
N/A	N/A	N/A	600V	12kV	Standby Mode
N/A	N/A	100V (2ohm)	600V	15kV	Standby Mode
256	Yes	N/A	800V	15kV	VOD2 Enhanced
256	Yes	N/A	800V	15kV	ESD RS485
256	Yes	N/A	800V	15kV	ESD RS485

⚡ Transceiver

Interface	Part No.	Package	Supply Voltage	Half/Full Duplex	Data Rate (bps)
RS485	AZRS3080E	SO-8	5V	Half	10M
	AZRS3082	SO-8	5V	Half	115k
	AZRS3088	SO-8	5V	Half	10M
	AZRS485	SO-8	5V	Half	10M
	AZRS485E	SO-8	5V	Half	10M
	AZRS485N	SO-8	5V	Half	10M
	AZRS5485	SO-8	5V	Half	10M
	AZRS5485E	SO-8	5V	Half	10M
	AZRS5485N	SO-8	5V	Half	10M
	AZRS6534	SO-8	5V	Half	8M
RS232	AZRS213SS	SSOP-28L	5V	Full	250k
	AZRS3232ETS	TSSOP-16L	3V to 5.5V	Full	500k
	AZRS3243SS	SSOP-28L	3V to 5.5V	Full	500k
	AZRS3243TS	TSSOP-28L	3V to 5.5V	Full	500k

Transceivers on Bus	Receiver Fail-Safe	Surge Robustness	I/O ESD MM	System ESD Contact	Feature Highlight
256	Yes	N/A	800V	15kV	VOD2 Enhanced
256	Yes	30A	800V	30kV	Surge RS485
256	Yes	30A	800V	30kV	Surge RS485
256	Yes	N/A	800V	15kV	ESD RS485
256	Yes	N/A	800V	15kV	VOD2 Enhanced
256	Yes	N/A	800V	15kV	Polarity Free
256	Yes	N/A	800V	15kV	Polarity Free
256	Yes	N/A	800V	15kV	Polarity Free
256	Yes	N/A	800V	15kV	Polarity Free
256	Yes	30A	800V	30kV	Surge RS485
N/A	N/A	N/A	N/A	12kV	4T/5R RS232
N/A	N/A	N/A	N/A	8kV	2T/2R RS232
N/A	N/A	N/A	N/A	8kV	3T/5R Auto-powerdown
N/A	N/A	N/A	N/A	8kV	3T/5R Auto-powerdown

⚡ EMI

	Part No.	Package	S21 Initial Drop (dB)	-3dB Cutoff Freq.	Cline (pF) @0V (typical)	VBR (V)	VRWM (Reverse Stand-off Voltage) (V)	Channel #
01	AZMK-U2001-02F	DFN2520P10C	-2.5	950MHz	1.7	6	5	2
02	AZM-MIP11-02F	DFN2520P10C	-1.3	1.5GHz	1.2	6	5	2
03	AZM-HDMI1-02F	DFN2520P10C	-1.1	2GHz	1.2	6	5	2
04	AZM-USB30-02F	DFN2520P10C	-1	3GHz	1.1	6	5	2
05	AZM-USB31-02F	DFN2520P10C	-0.3	7GHz	0.9	6	5	2
06	AZM-U31P1-02F	DFN2520P10C	-0.1	8GHz	0.8	6	5	2

Pins	Pin Pitch (mm)	Operation Voltage (V)	ESD Clamping Voltage @8kV (V)	System Level ESD (kV)	Size (L) mm	Size (W) mm	Size (H) mm
10	0.5	5	12.5	8	2.5	2.0	0.75
10	0.5	5	12.5	8	2.5	2.0	0.75
10	0.5	5	12.5	8	2.5	2.0	0.75
10	0.5	5	12.5	8	2.5	2.0	0.75
10	0.5	5	12.5	8	2.5	2.0	0.75
10	0.5	5	12.5	8	2.5	2.0	0.75

Analog Switch

	Part No.	Package	Switch Port	Pin Config.	Supply Voltage (V)	Bandwidth	Ron (ohm)
01	AZAW1210C	SC70-6L	1	2:1	1.65~5.5	400MHz	4.2
02	AZAW2110S	SOT23-6L	2	1:1	4.4~5.5	700MHz	4
03	AZAW2110T	TSSOP-8L	2	1:1	1.65~5.5	700MHz	4
04	AZAW2210F	DFN1613P10E	2	2:1	2.8~5	800MHz	4.5
05	AZAW2211F	QFN1814P10E	2	2:1	2.8~5	800MHz	4.5
06	AZAW2213F	QFN1814P10E	2	2:1	1.65~5.5	40MHz	0.4
07	AZAW2215F	QFN2015P10E	2	2:1	2.5 / 3.3	2.3GHz	6
08	AZAW2216F	QFN1814P10E	2	2:1	2.8~5	800MHz	4.5
09	AZAW2411P	SSOP-16L	2	4:1	3~5.5	220MHz	3
10	AZAW2412P	SOP-16	2	4:1	2~5.5	250MHz	4.5
11	AZAW2412T	TSSOP-16L	2	4:1	3.3 / 5	250MHz	4.5
12	AZAW2413T	TSSOP-16L	2	4:1	3.3 / 5	600MHz	27
13	AZAW4210F	QFN3525P16C	4	2:1	3.3 / 5	400MHz	4.5
14	AZAW4213F	QFN3525P16C	4	2:1	3.3 / 5	400MHz	4.5
15	AZAW7211F	QFN6030P32C	7	2:1	3.3	4.7GHz	8
16	AZEWS169F	QFN1814P10X	1	N/A	2.5~4.5	N/A	0.3

Con (pF)	Crosstalk @10MHz (dB)	Isolation @10MHz (dB)	System Level ESD (kV)	Size (L) mm	Size (W) mm	Size (H) mm
6.5	-60	-66	8	2.05	1.25	1.00
3.7	-83	NA	6	2.92	1.60	1.25
3.7	-83	-66	6	3.00	4.40	1.00
6.5	-32	-36	8	1.60	1.30	0.55
6.5	-32	-36	8	1.80	1.40	0.50
80	-60	-60	8	1.80	1.40	0.50
2.7	-40	-40	8	2.00	1.50	0.55
6.5	-32	-36	8	1.80	1.40	0.50
11	-57	-56	8	4.90	3.90	1.75
8.6	-60	-66	8	9.90	3.90	1.75
8.6	-60	-66	8	6.40	4.96	1.00
3.5	-63	-63	8	6.40	4.96	1.00
6.5	-83	-63	8	3.50	2.50	0.85
6.5	-83	-63	8	3.50	2.50	0.85
1.7	-25	-25	8	6.00	3.00	0.75
N/A	N/A	-85	8	1.80	1.40	0.45

⚡ TVS Solution for NB.PC.TV.Monitor.Networking

USB 3.1 Type-C

Tx, Rx
AZ176S-04F
AZ1023-04F
AZ1023-02F
AZ1143-04F
AZ5B8S-01F

D+, D-, CC and SBU

AZ1065-06F
AZ1045-02F
AZ1045-08F
AZ5515-02F
AZ5B75-01B

Power Delivery in VBUS

AZ3105-01F
AZ4512-01F
AZ4520-01F

USB 3.1 Type-A

USB 3.1 Gen 2 Total Solution
AZ1365-06F

USB 3.1 Gen 2
AZ176S-04F
AZ1065-06F
AZ1365-06F

USB 3.1 Gen 1
AZ1143-04F
AZ1045-04F
AZ1065-06F
AZ1065-06Q
AZ1243-04F
AZ1365-06F
AZ5325-01F
AZ5515-02F

USB 2.0 D+, D-
AZC199-04S
AZ1015-02N
AZ1023-02F
AZ1045-02F
AZ1515-04S
AZ5A25-02R
AZ5215-01F
AZ5325-01F
AZ5423-01F
AZ5515-02F
AZ9115-04S
AZC099-04S
AZC199-02S
AZC199-04C
AZC399-04S

USB 3.1 VBUS
AZ3105-01F
AZ5825-01F

Thunderbolt

AZ5B8S-01F
AZ1065-06F
AZ176S-04F
AZ5B75-01B

HDMI

HDMI 2.0/2.1 High Speed TMDS
AZ1023-04F
AZ1023-02F
AZ1043-08F
AZ1045-04F
AZ1143-04F

HDMI 1.4 High Speed TMDS

AZ1043-08F
AZ1045-04F
AZ1143-04F

HDMI 1.4/2.0/2.1 Control Lines

AZC199-04S

DisplayPort

DP 1.2/1.3/1.4 High Speed TMDS
AZ1083-08F
AZ1023-04F
AZ1023-02F

DP 1.1 High Speed TMDS

AZ1043-08F
AZ1045-04F
AZ1143-04F

DP 1.1/1.2/1.3/1.4 Control Lines

AZC199-04S

LAN 10/100/1000

Surge Line-to-Line

AZ3133-08F
AZ1613-01L
AZ3125-08F
AZ3128-04P
AZ3133-04F

Surge Line-to-Ground

AZ1513-04S
AZ1515-04S
AZC199-04S

LAN 2.5G/5G/10G

AZ1365-06F
AZ1023-04F
AZ1243-04F

mSATA

AZ1045-04F
AZ1143-04F

VGA

AZ1515-04S
AZC099-04S
AZC199-04S
AZC399-04S

DVI

AZ1515-04S
AZ1045-04F
AZ1045-04QU
AZC099-04S
AZC199-04S
AZC399-04S

SD Card/SIM Card

AZC199-04S
AZ1515-04S
AZ9143-04F

RS232/RS485

AZ4212-01G
AZ4212-01F

SMBus

AZ1045-04F
AZ5A25-02R
AZC099-04S
AZC199-04S

UART

AZ5413-01F
AZ5323-01F

Audio/Speaker

AZ5825-01F
AZ1605-01L
AZ1615-01L
AZ2225-01L
AZ5A75-01F
AZ5123-01F
AZ5123-02S
AZ5125-01H
AZ5125-02S
AZ5525-01F
AZ5725-01F
AZ5925-01H

GPIO

AZ1613-01L
AZ1605-01L

LED

AZ3103-01F
AZ2025-01H
AZ3105-01F
AZ5125-01H
AZ5725-01F

DC-in Power

AZ4512-01F
AZ4112-01G
AZ4212-01G
AZ4018-01G
AZ4024-01G

Power Buttons

AZ6112-01F
AZ6225-01F
AZ5013-01H
AZ5123-01F
AZ5123-01H
AZ2225-01L
AZ5A75-01F
AZ5015-01H
AZ5125-01H
AZ5525-01F
AZ5725-01F
AZ5825-01F
AZ4012-01G
AZ4212-01G
AZ4015-01G
AZ4024-01F
AZ4024-02S
AZ4030-01G
AZ4200-01S

XDSL

AZ1605-01L
AZ4608-01L
AZ4612-01L
AZ4615-01L
AZ4624-01L

⚡ TVS Solution for LCM (Panel)

V-by-One®HS

AZ1043-08F

V-by-One®US

AZ1115-08F
AZ1083-08F

eDP 2.0

AZ1023-04F
AZ1083-08F

eDP 1.2/1.4

AZ1043-08F
AZ1143-04F

USI-T

AZ1043-08F
AZ1143-04F

Mini-LVDS

AZ1043-08F
AZ1143-04F

LVDS-ESD

AZ1043-08F
AZ1143-04F

LVDS-Surge

AZ1243-04F
AZ1013-04F
AZ1513-04S
AZ1515-04S

MIPI

AZ1143-04F
AZ1043-04F
AZ1045-04F
AZ1243-04F
AZ1743-04F

GOA

AZ4836-01L
AZ4233-01F

Touch Panel-USB Lines

AZ1045-02F
AZ5313-02F

3.3V I2C

AZ5123-02F
AZ5313-02F

5V I2C

AZ5125-02F
AZ5515-02F

LED

AZ3103-01F
AZ3105-01F
AZ4512-01F
AZ4714-01F

Touch Panel-Power

AZ3103-01F
AZ5123-01F
AZ5A23-01F
AZ3105-01F
AZ5A85-01B
AZ5885-01F
AZ4512-01F
AZ4212-01F
AZ4536-01F
AZ4045-01G

Power Lines

AZ6518-01F
AZ3103-01F
AZ3105-01F
AZ4510-01F
AZ4107-01F
AZ4507-01F
AZ4510-01F
AZ4512-01F
AZ4714-01F
AZ4524-01F
AZ4536-01F
AZ4045-01G

⚡ TVS Solution for IPC, DVR, Medical Electronic

HDMI/DisplayPort- High Speed TMDS

AZ1023-04F
AZ1143-04F

HDMI/DisplayPort- Control Lines

AZC199-04S

LAN 2.5G/5G/10G

AZ1365-06F
AZ1023-04F
AZ1243-04F

LAN

10/100/1000-Surge Line-to-Line
AZ1045-02F
AZ1045-08F
AZ5B75-01B

LAN 10/100/1000-Surge Line-to-Ground

AZ1515-04S
AZ1513-04S

Antenna

AZ5B75-01B

USB 3.1 Gen 2 Type-C

AZ1023-02F
AZ5B8S-01F

USB Type-C D+, D-, CC and SBU

AZ1045-02F
AZ1045-08F
AZ5B75-01B

USB Type-C VBUS

AZ3105-01F
AZ4512-01F
AZ4520-01F

USB 3.1 Gen 2 Type-A

AZ1365-06F
AZ176S-04F

USB Type-A VBUS

AZ5825-01F
AZ3105-01F

USB 2.0/CF Card/SD Card Reader

AZ1515-04S
AZC199-04S

RS485/RS232/RS422

AZ4212-01G

UART

AZ5413-01F
AZ5323-01F

SIM Card

AZ1515-04S

Audio/Microphone

AZ1605-01L
AZ5825-01F

LED

AZ3103-01F
AZ3105-01F

Power/Reset

AZ3003-01G
AZ3005-01G
AZ4008-01G
AZ4212-01G
AZ4015-01G
AZ4018-01G
AZ4020-01G
AZ4024-01G
AZ4030-01G
AZ4036-01G
AZ4040-01G
AZ4045-01G

TVS Solution for Hand Held Portable Devices

Antenna/GPS

AZ4617-01F
AZ5215-01F
AZ5325-01F

LVDS

AZ5325-01F
AZ1045-04F
AZ5313-02F
AZ5B65-01F

HDMI

AZ1045-04F
AZ1023-04F
AZ1043-04F

MIPI

AZ5325-01F
AZ1045-02F
AZ1045-04F
AZ5B65-01F
AZ5313-02F
AZ5423-01F

Touch Panel-MIPI

AZC015-04F
AZ1143-04F
AZ5313-02F
AZ5B65-01F

Wearables-USB 2.0

AZ5313-02F
AZ5B65-01F
AZ5B85-01B
AZ5213-02F
AZ5325-01F
AZ5515-02F

USB 2.0 D+, D-

AZ5515-02F
AZ5B85-01B
AZ5H33-01F
AZ5213-02F
AZ5413-01F

USB 3.1 Gen 1 Type-C

AZ1045-08F
AZ1043-08F

USB Type-C CC

AZ4107-01F

USB 3.1 Gen 1 Type-A

AZ5313-02F
AZ1045-02F
AZ1045-04F
AZ5B65-01F
AZ5B75-01B

USB VBUS-EOS

AZ4712-01F
AZ4715-01F
AZ4718-01F

Touch Panel-Control Lines

AZ5123-01F
AZ5A75-01F
AZ5125-02F
AZ5725-01F

Wearables-Power

AZ5A83-01B
AZ5A75-01F
AZ5A85-01B
AZ5725-01F
AZ5825-01F

Button

AZ5123-01F
AZ3105-01F
AZ5725-01F

Other High Speed Signal Lines

AZ5325-01F
AZ5B65-01F
AZ5B85-01B
AZ5313-02F

Audio/MIC/Speaker

AZ5123-02F
AZ4A12-01F
AZ5A75-01F
AZ5125-02F
AZ5725-01F
AZ5845-01F
AZ5883-01F
AZ5885-01F

VBAT-EOS

AZ3205-01F
AZ3505-01F

Power Lines/Low Speed Signal Lines

AZ6112-01F
AZ6118-01F
AZ5A23-01F
AZ5A83-01B
AZ5C23-01B
AZ5A75-01F
AZ5A85-01B
AZ5C25-01B

Wireless Charger

AZ4510-01F
AZ4512-01F
AZ4712-01F

TVS Solutions for Automotive

Entertainment System-HDMI TMDS Pairs

AZ9143-04F
AZ9143-08F

Entertainment System-HDMI Control Pin

AZ9115-04S

Wireless Module

AZ9565-01F

USB 2.0

AZ9115-04S

Panel MIPI Signal Lines

AZ9565-01F

Panel FPD-Link/GMSL

AZ9565-01F

Panel-LVDS Signal Lines

AZ9143-04F
AZ9143-08F

Entertainment System-Power

AZ9525-01H
AZ9585-01F
AZ9412-01H
AZ9712-01F
AZ9812-01F

Vehicle Tracker

AZ9143-04F

Head Up Display-Signal

AZ9143-04F

Head Up Display-Power

AZ9315-01F

CAN BUS

AZ9424-02S

LIN BUS

AZ9824-01L

LED Driver

AZ9313-01F
AZ9315-01F

Panel-Power/Control Lines

AZ9313-01F
AZ9305-01G
AZ9315-01F
AZ9525-01H
AZ9585-01F
AZ9407-01H
AZ9707-01F
AZ9408-01G
AZ9808-01F
AZ9412-01G
AZ9412-01H
AZ9712-01F
AZ9812-01F
AZ9424-01F
AZ9424-01H

Digital Video Module

AZ9513-01F
AZ9523-01F
AZ9525-01H
AZ9625-01F

SD Card

AZ9143-04F

Charger

AZ9436-01G

Power

AZ9313-01F
AZ9513-01F
AZ9523-01F
AZ9305-01G
AZ9315-01F
AZ9525-01H
AZ9625-01F
AZ9407-01H
AZ9707-01F
AZ9408-01G
AZ9808-01F
AZ9412-01G
AZ9412-01H
AZ9712-01F
AZ9812-01F

RS485/RS232/CAN Transceiver IC

Out-Plant, Medical and Industrial Control System

High Surge, Slew Rate Limited RS485
AZRS3082

High Surge, 10M High Data Rate RS485
AZRS3088

3.3V, Extra High Data Rate RS485
AZRS3078, AZRS6023

CAN Bus Transceiver
AZCAN1040T

RS232
AZRS3232ETS
AZRS3232ESS
AZRS3232ESO

AZRS3243SS
AZRS3243TS
AZRS213SS

Monitoring System Networks and IPC

3.3V, 16M High Data Rate RS485
AZRS3078

3.3V, Slew Rate Limited RS485
AZRS3072

5V RS485
AZRS3080E
RS232

AZRS3232ETS
AZRS3232ESS
AZRS3232ESO

Automobile Electronics

CAN Bus (AEC-Q100)
AZCAN1042T

Building Automation Networks

General RS485
AZRS485
VOD2 Enhanced RS485
AZRS485E
Polarity Free RS485
AZRS485N
AZRS5485N
AZRS5485

Commercial POS and Large Billboard

2T2R RS232
AZRS3232ETS
AZRS3232ESS
AZRS3232ESO
3T5R RS232
AZRS3243SS
AZRS3243TS
4T5R RS232
AZRS213SS



有研發才有品牌有可靠的產品才有客戶的品牌忠誠度

半導體技術的進步，讓人手一支手持式裝置，這手持式裝置的功能也遠比半世紀前的電腦還要多，這兩者對可靠度的要求卻是一樣嚴格，耐溫耐壓，還可以連續接受無數次靜電的衝擊。

讓產品的可靠度表現向客戶說話，讓客戶的持續上門，認同公司，也是少數長存於市場公司的核心價值。

Reliability Builds Brand

The Moore's Law defines the progress of the semiconductor development for the past decades, it also leads the huge computers which occupy a room to become a hand held device today. Both the huge computer and small hand held device share the same standard in reliability test. Except to pass the high temperature and high pressure test, it also has to pass the ESD standard.

Many respected companies provide the quality products to customers and have these reliable products to represent their company.

Only those great companies will have customers keep knocking the door for great products. Customers recognize the companies through their products. Reliability is the key for great brand.



ISO14001



OHASA 18001



IECQ



ISO 9001



AEC - Q101