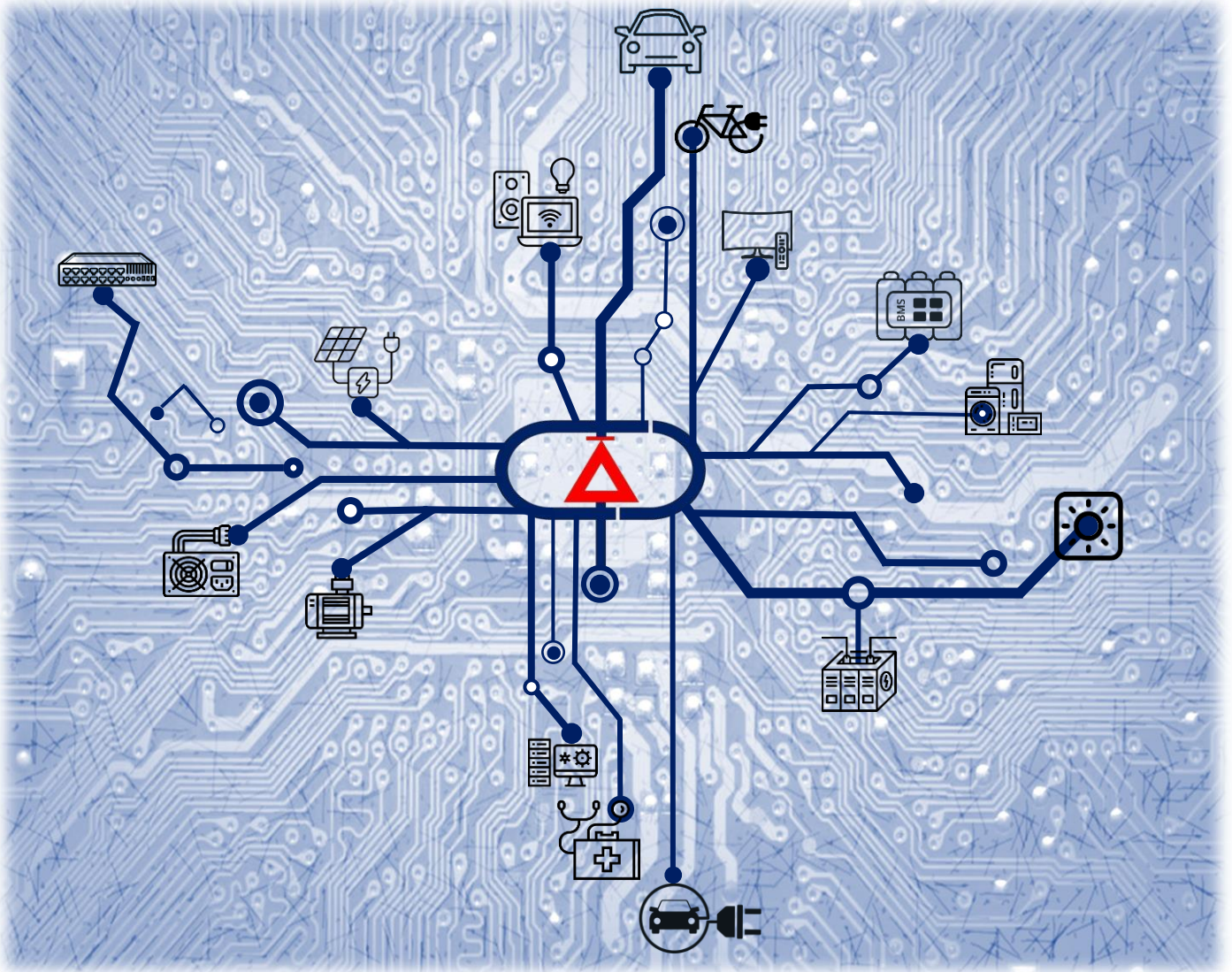


ALPINESEMI™

beyond boundaries...

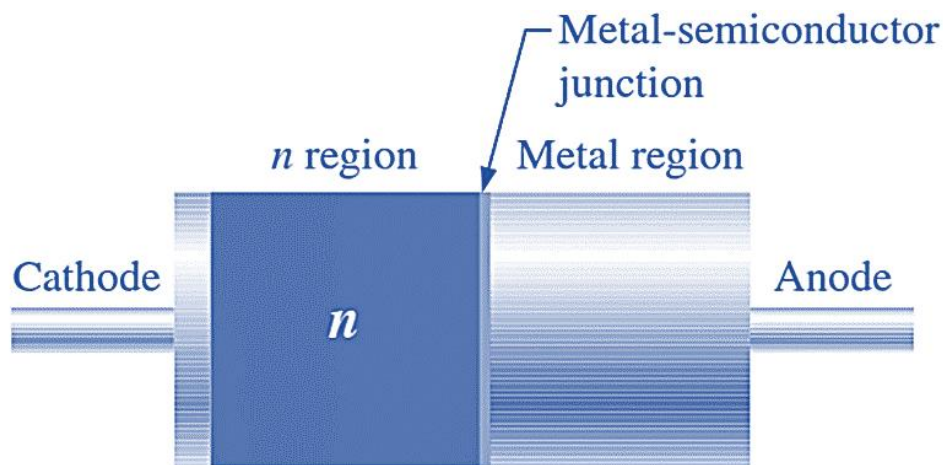


ZENER DIODES

Short Form Catalogue

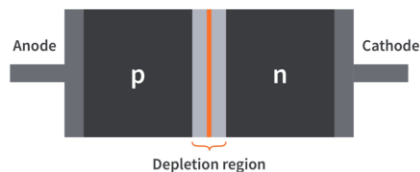
ZENER DIODES

Short Form Catalogue



ZENER DIODE:

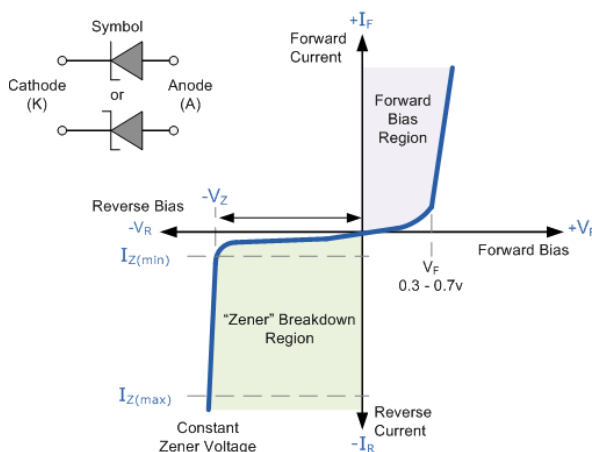
A Zener diode allows current to flow not just from anode to cathode, but also in the opposite direction when the Zener voltage is reached. Zener diodes are the most widely used as voltage regulators because of this feature.



CONSTRUCTION: Zener diodes are a modified form of PN silicon diode used extensively for voltage regulation. The P-type and N-type silicon used is doped more heavily than a standard PN diode.

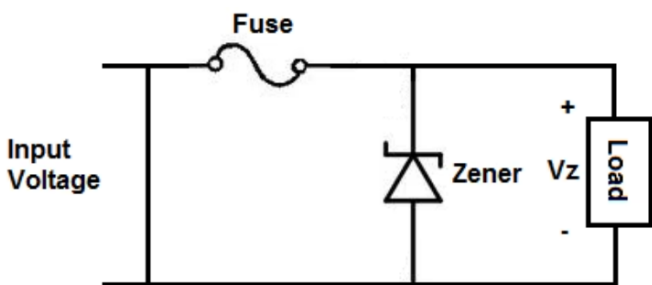
IV-CHARACTERISTICS: The Zener Diode is used in its “reverse bias” or reverse breakdown mode, i.e. the diode's anode connects to the negative of the supply. From the I-V characteristics curve above, we can see that the Zener diode has a region in its reverse bias characteristics of almost a constant negative voltage regardless of the value of the current flowing through the diode.

This voltage remains almost constant even with large changes in current, providing the current of the Zener diode to remain between the breakdown current $I_{Z(min)}$ and its maximum current rating $I_{Z(max)}$.



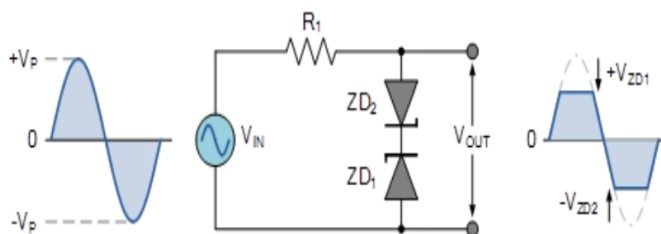
APPLICATION: For regulating voltage across small loads, a Zener diode is employed as a voltage regulator.

ZENER DIODE IN OVER-VOLTAGE PROTECTION



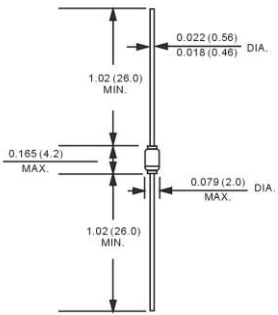
The voltage across the resistor lowers when the input voltage exceeds the Zener breaking voltage, resulting in a short circuit. The Zener diode can be used to avoid this.

ZENER DIODE IN CLIPPING CIRCUITS



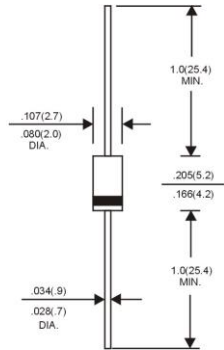
By limiting the portions of either one or both half cycles of an AC waveform, the Zener diode is used to change AC waveform clipping circuits.

DO-35G



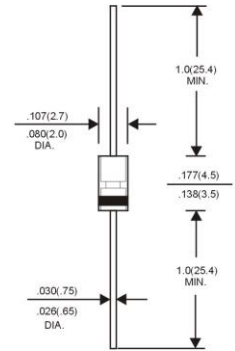
Dimensions in inches and (millimeters)

DO-41



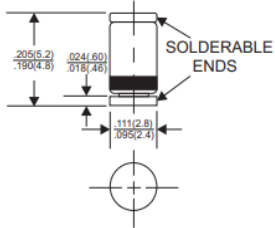
Dimensions in inches and (millimeters)

DO-41G



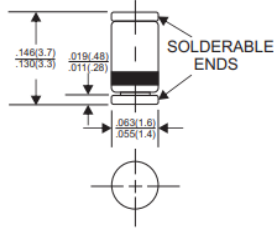
Dimensions in inches and (millimeters)

GLASS MELF DO-41G



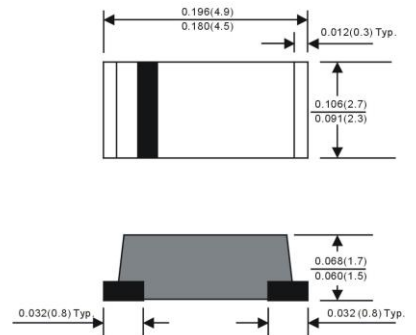
Dimensions in inches and (millimeters)

GLASS MINI MELF SOD-80



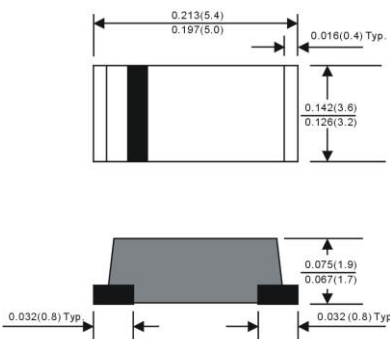
Dimensions in inches and (millimeters)

SMA



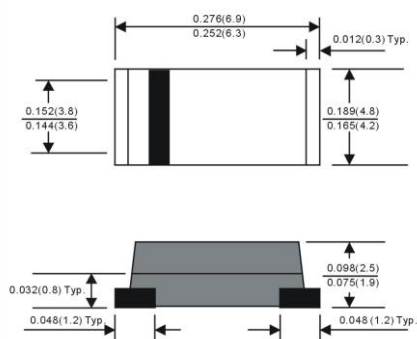
Dimensions in inches and (millimeters)

SMB



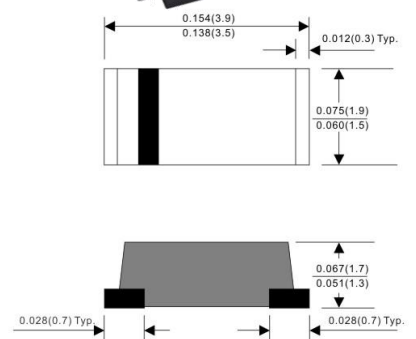
Dimensions in inches and (millimeters)

SMC



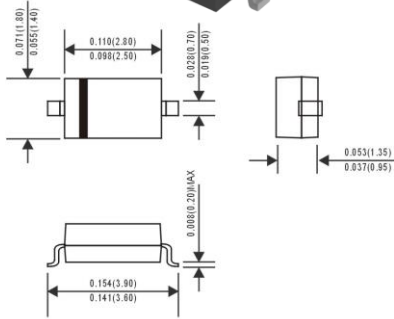
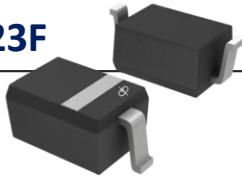
Dimensions in inches and (millimeters)

SOD-123



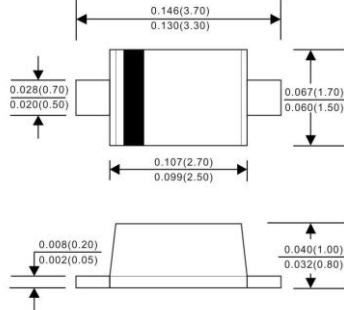
Dimensions in inches and (millimeters)

SOD-123F



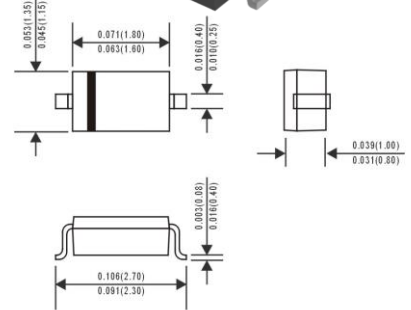
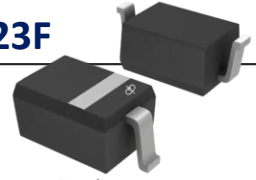
Dimensions in inches and (millimeters)

SOD-123FL



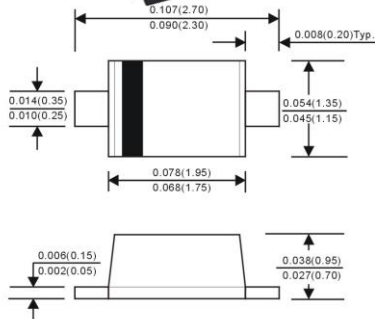
Dimensions in inches and (millimeters)

SOD-323F



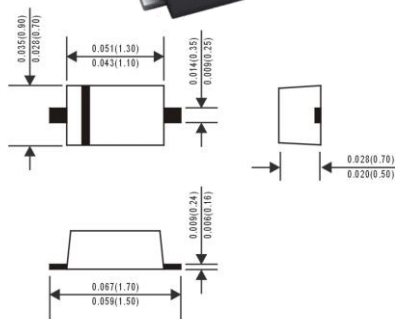
Dimensions in inches and (millimeters)

SOD-323FL



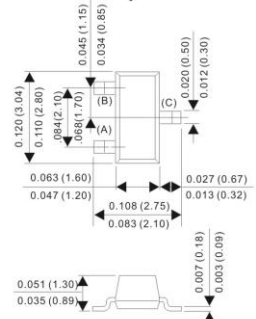
Dimensions in inches and (millimeters)

SOD-523FL



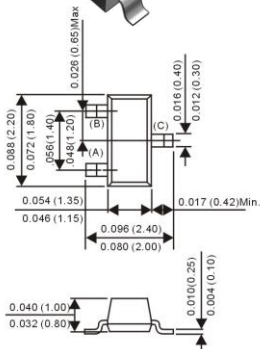
Dimensions in inches and (millimeters)

SOT-23



Dimensions in inches and (millimeters)

SOT-323



Dimensions in inches and (millimeters)

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPBZT52C2V0S	0.2	1.91	2	2.09	5	SOD-323F
ALPBZX55C2V0	0.5	1.9	2	2.1	5	DO-35G
ALPBZX55C2V2	0.5	2.09	2.2	2.31	5	DO-35G
ALP1N5221B	0.5	2.28	2.4	2.52	20	DO-35G
ALPBZD84C2V4	0.35	2.2	2.4	2.6	5	SOT-23
ALPBZT52C2V4S	0.2	2.2	2.4	2.6	5	SOD-323F
ALPBZT52C2V4S-FL	0.2	2.28	2.4	2.52	5	SOD-323FL
ALPBZT55C2V4	0.5	2.2	2.4	2.6	5	SOD-123F
ALPBZX55C2V4	0.5	2.28	2.4	2.52	5	DO-35G
ALPBZX84C2V4	0.3	2.28	2.4	2.52	5	SOT-23
ALPBZX84C2V4W	0.2	2.2	2.4	2.6	5	SOT-323
ALPMM5Z2V4	0.3	2.2	2.4	2.6	5	SOD-523FL
ALPMMSZ5221B	0.5	2.28	2.4	2.52	20	SOD-123F
ALPMMSZ5221B		2.28	2.4	2.52		SOD-123
ALPMMSZ5221B-FL	0.5	2.28	2.4	2.52	20	SOD-123FL
ALPMMSZ5221BS	0.2	2.28	2.4	2.52	20	SOD-323F
ALPMMSZ5221BS-FL	0.2	2.28	2.4	2.52	20	SOD-323FL
ALPZMM5221B	0.5	2.28	2.4	2.52	20	Glass Mini Melf (SOD-80)
ALPZMM55C2V4	0.5	2.28	2.4	2.56	5	Glass Mini Melf (SOD-80)
ALP1N5222B	0.5	2.38	2.5	2.63	20	DO-35G
ALPMMSZ5222B	0.5	2.38	2.5	2.63	20	SOD-123F
ALPMMSZ5222B-FL	0.5	2.38	2.5	2.63	20	SOD-123FL
ALPMMSZ5222BS-FL	0.2	2.38	2.5	2.63	20	SOD-323FL
ALPZMM5222B	0.5	2.38	2.5	2.63	20	Glass Mini Melf (SOD-80)
ALP1N5223B	0.5	2.57	2.7	2.84	20	DO-35G
ALPBZD84C2V7	0.35	2.5	2.7	2.9	5	SOT-23
ALPBZT52C2V7S	0.2	2.5	2.7	2.9	5	SOD-323F
ALPBZT52C2V7S-FL	0.2	2.57	2.7	2.84	5	SOD-323FL
ALPBZT55C2V7	0.5	2.5	2.7	2.9	5	SOD-123F
ALPBZX55C2V7	0.5	2.57	2.7	2.84	5	DO-35G
ALPBZX84C2V7	0.3	2.57	2.7	2.84	5	SOT-23
ALPBZX84C2V7W	0.2	2.5	2.7	2.9	5	SOT-323
ALPMM5Z2V7	0.3	2.5	2.7	2.9	5	SOD-523FL
ALPMMSZ5223B	0.5	2.57	2.7	2.84	20	SOD-123F
ALPMMSZ5223B-FL	0.5	2.57	2.7	2.84	20	SOD-123FL
ALPMMSZ5223BS	0.2	2.57	2.7	2.84	20	SOD-323F
ALPMMSZ5223BS-FL	0.2	2.57	2.7	2.84	20	SOD-323FL
ALPZMM5223B	0.5	2.57	2.7	2.84	20	Glass Mini Melf (SOD-80)
ALPZMM55C2V7	0.5	2.5	2.7	2.9	5	Glass Mini Melf (SOD-80)
ALP1N5224B	0.5	2.66	2.8	2.94	20	DO-35G
ALPMMSZ5224B-FL	0.5	2.66	2.8	2.94	20	SOD-123FL
ALPMMSZ5224BS-FL	0.2	2.66	2.8	2.94	20	SOD-323FL
ALPZMM5224B	0.5	2.66	2.8	2.94	20	Glass Mini Melf (SOD-80)
ALP1N5225B	0.5	2.85	3	3.15	20	DO-35G
ALPBZD84C3V0	0.35	2.8	3	3.2	5	SOT-23
ALPBZT52C3V0S	0.2	2.8	3	3.2	5	SOD-323F

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPBZT52C3V0S-FL	0.2	2.85	3	3.15	5	SOD-323FL
ALPBZT55C3V0	0.5	2.8	3	3.2	5	SOD-123F
ALPBZX55C3V0	0.5	2.85	3	3.15	5	DO-35G
ALPBZX84C3V0	0.3	2.85	3	3.15	5	SOT-23
ALPBZX84C3V0W	0.2	2.8	3	3.2	5	SOT-323
ALPMM5Z3V0	0.3	2.8	3	3.2	5	SOD-523FL
ALPMMSZ5225B	0.5	2.85	3	3.15	20	SOD-123F
ALPMMSZ5225B-FL	0.5	2.85	3	3.15	20	SOD-123FL
ALPMMSZ5225BS	0.2	2.85	3	3.15	20	SOD-323F
ALPMMSZ5225BS-FL	0.2	2.85	3	3.15	20	SOD-323FL
ALPZMM5225B	0.5	2.85	3	3.15	20	Glass Mini Melf (SOD-80)
ALPZMM55C3V0	0.5	2.8	3	3.2	5	Glass Mini Melf (SOD-80)
ALP1N4728A	1	3.14	3.3	3.47	76	DO-41G
ALP1N5226B	0.5	3.14	3.3	3.47	20	DO-35G
ALPBZD84C3V3	0.35	3.1	3.3	3.5	5	SOT-23
ALPBZT52C3V3S	0.2	3.1	3.3	3.5	5	SOD-323F
ALPBZT52C3V3S-FL	0.2	3.14	3.3	3.47	5	SOD-323FL
ALPBZT55C3V3	0.5	3.1	3.3	3.5	5	SOD-123F
ALPBZX55C3V3	0.5	3.14	3.3	3.47	5	DO-35G
ALPBZX84C3V3	0.3	3.14	3.3	3.47	5	SOT-23
ALPBZX84C3V3W	0.2	3.1	3.3	3.5	5	SOT-323
ALPDL4728A	1	3.14	3.3	3.47	76	Glass Melf (DL-41G)
ALPMM5Z3V3	0.3	3.1	3.3	3.5	5	SOD-523FL
ALPMMSZ5226B	0.5	3.14	3.3	3.47	20	SOD-123F
ALPMMSZ5226B-FL	0.5	3.14	3.3	3.47	20	SOD-123FL
ALPMMSZ5226BS	0.2	3.14	3.3	3.47	20	SOD-323F
ALPMMSZ5226BS-FL	0.2	3.14	3.3	3.47	20	SOD-323FL
ALPZGFM103V3B-M	1	3.1	3.3	3.5	76	SOD-123
ALPZMM5226B	0.5	3.14	3.3	3.47	20	Glass Mini Melf (SOD-80)
ALPZMM55C3V3	0.5	3.1	3.3	3.5	5	Glass Mini Melf (SOD-80)
ALPZS4728A	1	3.14	3.3	3.47	76	SMA
ALP1N4729A	1	3.42	3.6	3.78	69	DO-41G
ALP1N5227B	0.5	3.42	3.6	3.78	20	DO-35G
ALPBZD84C3V6	0.35	3.4	3.6	3.8	5	SOT-23
ALPBZT52C3V6S	0.2	3.4	3.6	3.8	5	SOD-323F
ALPBZT52C3V6S-FL	0.2	3.42	3.6	3.78	5	SOD-323FL
ALPBZT55C3V6	0.5	3.4	3.6	3.8	5	SOD-123F
ALPBZX55C3V6	0.5	3.42	3.6	3.78	5	DO-35G
ALPBZX84C3V6	0.3	3.42	3.6	3.78	5	SOT-23
ALPBZX84C3V6W	0.2	3.4	3.6	3.8	5	SOT-323
ALPDL4729A	1	3.42	3.6	3.78	69	Glass Melf (DL-41G)
ALPMM5Z3V6	0.3	3.4	3.6	3.8	5	SOD-523FL
ALPMMSZ5227B	0.5	3.42	3.6	3.78	20	SOD-123F
ALPMMSZ5227B-FL	0.5	3.42	3.6	3.78	20	SOD-123FL
ALPMMSZ5227BS	0.2	3.42	3.6	3.78	20	SOD-323F
ALPMMSZ5227BS-FL	0.2	3.42	3.6	3.78	20	SOD-323FL

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZGFM103V6B-M	1	3.4	3.6	3.8	69	SOD-123
ALPZMM5227B	0.5	3.42	3.6	3.78	20	Glass Mini Melf (SOD-80)
ALPZMM55C3V6	0.5	3.4	3.6	3.8	5	Glass Mini Melf (SOD-80)
ALPZS4729A	1	3.42	3.6	3.78	69	SMA
ALP1N4730A	1	3.71	3.9	4.1	64	DO-41G
ALP1N5228B	0.5	3.71	3.9	4.1	20	DO-35G
ALPBZD84C3V9	0.35	3.7	3.9	4.1	5	SOT-23
ALPBZT52C3V9S	0.2	3.7	3.9	4.1	5	SOD-323F
ALPBZT52C3V9S-FL	0.2	3.71	3.9	4.1	5	SOD-323FL
ALPBZT55C3V9	0.5	3.7	3.9	4.1	5	SOD-123F
ALPBZX55C3V9	0.5	3.71	3.9	4.1	5	DO-35G
ALPBZX84C3V9	0.3	3.71	3.9	4.1	5	SOT-23
ALPBZX84C3V9W	0.2	3.7	3.9	4.1	5	SOT-323
ALPDL4730A	1	3.71	3.9	4.1	64	Glass Melf (DL-41G)
ALPMM5Z3V9	0.3	3.7	3.9	4.1	5	SOD-523FL
ALPMMSZ5228B	0.5	3.71	3.9	4.1	20	SOD-123F
ALPMMSZ5228B-FL	0.5	3.71	3.9	4.1	20	SOD-123FL
ALPMMSZ5228BS	0.2	3.71	3.9	4.1	20	SOD-323F
ALPMMSZ5228BS-FL	0.2	3.71	3.9	4.1	20	SOD-323FL
ALPZGFM103V9B-M	1	3.7	3.9	4.1	64	SOD-123
ALPZMM5228B	0.5	3.71	3.9	4.1	20	Glass Mini Melf (SOD-80)
ALPZMM55C3V9	0.5	3.7	3.9	4.1	5	Glass Mini Melf (SOD-80)
ALPZS4730A	1	3.71	3.9	4.1	64	SMA
ALP1N4731A	1	4.09	4.3	4.52	58	DO-41G
ALP1N5229B	0.5	4.09	4.3	4.52	20	DO-35G
ALPBZD84C4V3	0.35	4	4.3	4.6	5	SOT-23
ALPBZT52C4V3S	0.2	4	4.3	4.6	5	SOD-323F
ALPBZT52C4V3S-FL	0.2	4.09	4.3	4.52	5	SOD-323FL
ALPBZT55C4V3	0.5	4	4.3	4.6	5	SOD-123F
ALPBZX55C4V3	0.5	4.09	4.3	4.52	5	DO-35G
ALPBZX84C4V3	0.3	4.09	4.3	4.52	5	SOT-23
ALPBZX84C4V3W	0.2	4	4.3	4.6	5	SOT-323
ALPDL4731A	1	4.09	4.3	4.52	58	Glass Melf (DL-41G)
ALPMM5Z4V3	0.3	4	4.3	4.6	5	SOD-523FL
ALPMMSZ5229B	0.5	4.09	4.3	4.52	20	SOD-123F
ALPMMSZ5229B-FL	0.5	4.09	4.3	4.52	20	SOD-123FL
ALPMMSZ5229BS	0.2	4.09	4.3	4.52	20	SOD-323F
ALPMMSZ5229BS-FL	0.2	4.09	4.3	4.52	20	SOD-323FL
ALPZGFM104V3B-M	1	4.1	4.3	4.5	58	SOD-123
ALPZMM5229B	0.5	4.09	4.3	4.52	20	Glass Mini Melf (SOD-80)
ALPZMM55C4V3	0.5	4	4.3	4.6	5	Glass Mini Melf (SOD-80)
ALPZS4731A	1	4.09	4.3	4.52	58	SMA
ALP1N4732A	1	4.47	4.7	4.94	53	DO-41G
ALP1N5230B	0.5	4.47	4.7	4.94	20	DO-35G
ALPBZD84C4V7	0.35	4.4	4.7	5	5	SOT-23
ALPBZT52C4V7S	0.2	4.4	4.7	5	5	SOD-323F

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPBZT52C4V7S-FL	0.2	4.47	4.7	4.94	5	SOD-323FL
ALPBZT55C4V7	0.5	4.4	4.7	5	5	SOD-123F
ALPBZX55C4V7	0.5	4.47	4.7	4.94	5	DO-35G
ALPBZX84C4V7	0.3	4.47	4.7	4.94	5	SOT-23
ALPBZX84C4V7W	0.2	4.4	4.7	5	5	SOT-323
ALPDL4732A	1	4.47	4.7	4.94	53	Glass Melf (DL-41G)
ALPMM5Z4V7	0.3	4.4	4.7	5	5	SOD-523FL
ALPMMSZ5230B	0.5	4.47	4.7	4.94	20	SOD-123F
ALPMMSZ5230B-FL	0.5	4.47	4.7	4.94	20	SOD-123FL
ALPMMSZ5230BS	0.2	4.47	4.7	4.94	20	SOD-323F
ALPMMSZ5230BS-FL	0.2	4.47	4.7	4.94	20	SOD-323FL
ALPZGFM104V7B-M	1	4.5	4.7	4.9	53	SOD-123
ALPZMM5230B	0.5	4.47	4.7	4.94	20	Glass Mini Melf (SOD-80)
ALPZMM55C4V7	0.5	4.4	4.7	5	5	Glass Mini Melf (SOD-80)
ALPZS4732A	1	4.47	4.7	4.94	53	SMA
ALP1N4733A	1	4.85	5.1	5.36	49	DO-41G
ALP1N5231B	0.5	4.85	5.1	5.36	20	DO-35G
ALPBZD84C5V1	0.35	4.8	5.1	5.4	5	SOT-23
ALPBZT52C5V1S	0.2	4.8	5.1	5.4	5	SOD-323F
ALPBZT52C5V1S-FL	0.2	4.85	5.1	5.36	5	SOD-323FL
ALPBZT55C5V1	0.5	4.8	5.1	5.4	5	SOD-123F
ALPBZX55C5V1	0.5	4.85	5.1	5.36	5	DO-35G
ALPBZX84C5V1	0.3	4.85	5.1	5.36	5	SOT-23
ALPBZX84C5V1W	0.2	4.8	5.1	5.4	5	SOT-323
ALPDL4733A	1	4.85	5.1	5.36	49	Glass Melf (DL-41G)
ALPMM5Z5V1	0.3	4.8	5.1	5.4	5	SOD-523FL
ALPMMSZ5231B	0.5	4.85	5.1	5.36	20	SOD-123F
ALPMMSZ5231B-FL	0.5	4.85	5.1	5.36	20	SOD-123FL
ALPMMSZ5231BS	0.2	4.85	5.1	5.36	20	SOD-323F
ALPMMSZ5231BS-FL	0.2	4.85	5.1	5.36	20	SOD-323FL
ALPZGFM105V1B-M	1	4.8	5.1	5.4	49	SOD-123
ALPZMM5231B	0.5	4.85	5.1	5.36	20	Glass Mini Melf (SOD-80)
ALPZMM55C5V1	0.5	4.8	5.1	5.4	5	Glass Mini Melf (SOD-80)
ALPZS4733A	1	4.85	5.1	5.36	49	SMA
ALP1N4734A	1	5.32	5.6	5.88	45	DO-41G
ALP1N5232B	0.5	5.32	5.6	5.86	20	DO-35G
ALPBZD84C5V6	0.35	5.2	5.6	6	5	SOT-23
ALPBZT52C5V6S	0.2	5.2	5.6	6	5	SOD-323F
ALPBZT52C5V6S-FL	0.2	5.32	5.6	5.88	5	SOD-323FL
ALPBZT55C5V6	0.5	5.2	5.6	6	5	SOD-123F
ALPBZX55C5V6	0.5	5.32	5.6	5.88	5	DO-35G
ALPBZX84C5V6	0.3	5.32	5.6	5.88	5	SOT-23
ALPBZX84C5V6W	0.2	5.2	5.6	6	5	SOT-323
ALPDL4734A	1	5.32	5.6	5.88	45	Glass Melf (DL-41G)
ALPMM5Z5V6	0.3	5.2	5.6	6	5	SOD-523FL
ALPMMSZ5232B	0.5	5.32	5.6	5.88	20	SOD-123F

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPMMSZ5232B-FL	0.5	5.32	5.6	5.88	20	SOD-123FL
ALPMMSZ5232BS	0.2	5.32	5.6	5.88	20	SOD-323F
ALPMMSZ5232BS-FL	0.2	5.32	5.6	5.88	20	SOD-323FL
ALPZGFM105V6B-M	1	5.3	5.6	5.9	45	SOD-123
ALPZGFM205V6B	2	5.32	5.6	5.88	89.5	SMB
ALPZGFM305V6B	3	5.32	5.6	5.88	134	SMB
ALPZGFM5919B	1.5	5.32	5.6	5.88	66.9	SMA
ALPZMM5232B	0.5	5.32	5.6	5.86	20	Glass Mini Melf (SOD-80)
ALPZMM55C5V6	0.5	5.2	5.6	6	5	Glass Mini Melf (SOD-80)
ALPZS4734A	1	5.32	5.6	5.88	45	SMA
ALP1N5233B	0.5	5.7	6	6.3	20	DO-35G
ALPMMSZ5233B-FL	0.5	5.7	6	6.3	20	SOD-123FL
ALPMMSZ5233BS-FL	0.2	5.7	6	6.3	20	SOD-323FL
ALPZMM5233B	0.5	5.7	6	6.3	20	Glass Mini Melf (SOD-80)
ALP1N4735A	1	5.89	6.2	6.51	41	DO-41G
ALP1N5234B	0.5	5.89	6.2	6.51	20	DO-35G
ALPBZD84C6V2	0.35	5.8	6.2	6.6	5	SOT-23
ALPBZT52C6V2S	0.2	5.8	6.2	6.6	5	SOD-323F
ALPBZT52C6V2S-FL	0.2	5.89	6.2	6.51	5	SOD-323FL
ALPBZT55C6V2	0.5	5.8	6.2	6.6	5	SOD-123F
ALPBZX55C6V2	0.5	5.89	6.2	6.51	5	DO-35G
ALPBZX84C6V2	0.3	5.89	6.2	6.51	5	SOT-23
ALPBZX84C6V2W	0.2	5.8	6.2	6.6	5	SOT-323
ALPDL4735A	1	5.89	6.2	6.51	41	Glass Melf (DL-41G)
ALPMM5Z6V2	0.3	5.8	6.2	6.6	5	SOD-523FL
ALPMMSZ5234B	0.5	5.89	6.2	6.51	20	SOD-123F
ALPMMSZ5234B-FL	0.5	5.89	6.2	6.51	20	SOD-123FL
ALPMMSZ5234BS	0.2	5.89	6.2	6.51	20	SOD-323F
ALPMMSZ5234BS-FL	0.2	5.89	6.2	6.51	20	SOD-323FL
ALPZGFM106V2B-M	1	5.9	6.2	6.5	41	SOD-123
ALPZGFM206V2B	2	5.89	6.2	6.51	80.5	SMB
ALPZGFM306V2B	3	5.89	6.2	6.51	121	SMB
ALPZGFM5341B	5	5.89	6.2	6.51	200	SMC
ALPZGFM5920B	1.5	5.89	6.2	6.51	60.5	SMA
ALPZMM5234B	0.5	5.89	6.2	6.51	20	Glass Mini Melf (SOD-80)
ALPZMM55C6V2	0.5	5.8	6.2	6.6	5	Glass Mini Melf (SOD-80)
ALPZS4735A	1	5.89	6.2	6.51	41	SMA
ALP1N4736A	1	6.46	6.8	7.14	37	DO-41G
ALP1N5235B	0.5	6.46	6.8	7.14	20	DO-35G
ALPBZD84C6V8	0.35	6.4	6.8	7.2	5	SOT-23
ALPBZT52C6V8S	0.2	6.4	6.8	7.2	5	SOD-323F
ALPBZT52C6V8S-FL	0.2	6.46	6.8	7.14	5	SOD-323FL
ALPBZT55C6V8	0.5	6.4	6.8	7.2	5	SOD-123F
ALPBZX55C6V8	0.5	6.46	6.8	7.14	5	DO-35G
ALPBZX84C6V8	0.3	6.46	6.8	7.14	5	SOT-23
ALPBZX84C6V8W	0.2	6.4	6.8	7.2	5	SOT-323

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPDL4736A	1	6.46	6.8	7.14	37	Glass Melf (DL-41G)
ALPMM5Z6V8	0.3	6.4	6.8	7.2	5	SOD-523FL
ALPMMSZ5235B	0.5	6.46	6.8	7.14	20	SOD-123F
ALPMMSZ5235B-FL	0.5	6.46	6.8	7.14	20	SOD-123FL
ALPMMSZ5235BS	0.2	6.46	6.8	7.14	20	SOD-323F
ALPMMSZ5235BS-FL	0.2	6.46	6.8	7.14	20	SOD-323FL
ALPZGFM106V8B-M	1	6.5	6.8	7.1	37	SOD-123
ALPZGFM206V8B	2	6.46	6.8	7.14	73.5	SMB
ALPZGFM306V8B	3	6.46	6.8	7.14	110	SMB
ALPZGFM5342B	5	6.46	6.8	7.14	175	SMC
ALPZGFM5921B	1.5	6.46	6.8	7.14	55.1	SMA
ALPZMM5235B	0.5	6.46	6.8	7.14	20	Glass Mini Melf (SOD-80)
ALPZMM55C6V8	0.5	6.4	6.8	7.2	5	Glass Mini Melf (SOD-80)
ALPZS4736A	1	6.46	6.8	7.14	37	SMA
ALP1N4737A	1	7.13	7.5	7.88	34	DO-41G
ALP1N5236B	0.5	7.13	7.5	7.88	20	DO-35G
ALPBZD84C7V5	0.35	7	7.5	7.9	5	SOT-23
ALPBZT52C7V5S	0.2	7	7.5	7.9	5	SOD-323F
ALPBZT52C7V5S-FL	0.2	7.11	7.5	7.86	5	SOD-323FL
ALPBZT55C7V5	0.5	7	7.5	7.9	5	SOD-123F
ALPBZX55C7V5	0.5	7.13	7.5	7.88	5	DO-35G
ALPBZX84C7V5	0.3	7.13	7.5	7.88	5	SOT-23
ALPBZX84C7V5W	0.2	7	7.5	7.9	5	SOT-323
ALPDL4737A	1	7.13	7.5	7.88	34	Glass Melf (DL-41G)
ALPMM5Z7V5	0.3	7	7.5	7.9	5	SOD-523FL
ALPMMSZ5236B	0.5	7.13	7.5	7.88	20	SOD-123F
ALPMMSZ5236B-FL	0.5	7.13	7.5	7.88	20	SOD-123FL
ALPMMSZ5236BS	0.2	7.13	7.5	7.88	20	SOD-323F
ALPMMSZ5236BS-FL	0.2	7.13	7.5	7.88	20	SOD-323FL
ALPZGFM107V5B-M	1	7.1	7.5	7.9	34	SOD-123
ALPZGFM207V5B	2	7.13	7.5	7.88	66.5	SMB
ALPZGFM307V5B	3	7.13	7.5	7.88	100	SMB
ALPZGFM5343B	5	7.13	7.5	7.88	175	SMC
ALPZGFM5922B	1.5	7.13	7.5	7.88	50	SMA
ALPZMM5236B	0.5	7.13	7.5	7.88	20	Glass Mini Melf (SOD-80)
ALPZMM55C7V5	0.5	7	7.5	7.9	5	Glass Mini Melf (SOD-80)
ALPZS4737A	1	7.13	7.5	7.88	34	SMA
ALP1N4738A	1	7.79	8.2	8.61	31	DO-41G
ALP1N5237B	0.5	7.79	8.2	8.61	20	DO-35G
ALPBZD84C8V2	0.35	7.7	8.2	8.7	5	SOT-23
ALPBZT52C8V2S	0.2	7.7	8.2	8.7	5	SOD-323F
ALPBZT52C8V2S-FL	0.2	7.79	8.2	8.61	5	SOD-323FL
ALPBZT55C8V2	0.5	7.7	8.2	8.7	5	SOD-123F
ALPBZX55C8V2	0.5	7.79	8.2	8.61	5	DO-35G
ALPBZX84C8V2	0.3	7.79	8.2	8.61	5	SOT-23
ALPBZX84C8V2W	0.2	7.7	8.2	8.7	5	SOT-323

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPDL4738A	1	7.79	8.2	8.61	31	Glass Melf (DL-41G)
ALPMM5Z8V2	0.3	7.7	8.2	8.7	5	SOD-523FL
ALPMMSZ5237B	0.5	7.79	8.2	8.61	20	SOD-123F
ALPMMSZ5237B-FL	0.5	7.79	8.2	8.61	20	SOD-123FL
ALPMMSZ5237BS	0.2	7.79	8.2	8.61	20	SOD-323F
ALPMMSZ5237BS-FL	0.2	7.79	8.2	8.61	20	SOD-323FL
ALPZGFM108V2B-M	1	7.8	8.2	8.6	31	SOD-123
ALPZGFM208V2B	2	7.79	8.2	8.61	61	SMB
ALPZGFM308V2B	3	7.79	8.2	8.61	91	SMB
ALPZGFM5344B	5	7.79	8.2	8.61	150	SMC
ALPZGFM5923B	1.5	7.79	8.2	8.61	45.7	SMA
ALPZMM5237B	0.5	7.79	8.2	8.61	20	Glass Mini Melf (SOD-80)
ALPZMM55C8V2	0.5	7.7	8.2	8.7	5	Glass Mini Melf (SOD-80)
ALPZS4738A	1	7.79	8.2	8.61	31	SMA
ALP1N5238B	0.5	8.27	8.7	9.14	20	DO-35G
ALPMMSZ5238B-FL	0.5	8.27	8.7	9.14	20	SOD-123FL
ALPMMSZ5238BS-FL	0.2	8.27	8.7	9.14	20	SOD-323FL
ALPZGFM208V7B	2	8.27	8.7	9.14	58	SMB
ALPZGFM308V7B	3	8.27	8.7	9.14	85	SMB
ALPZGFM5345B	5	8.27	8.7	9.14	150	SMC
ALPZMM5238B	0.5	8.27	8.7	9.14	20	Glass Mini Melf (SOD-80)
ALP1N4739A	1	8.65	9.1	9.56	28	DO-41G
ALP1N5239B	0.5	8.65	9.1	9.56	20	DO-35G
ALPBZD84C9V1	0.35	8.5	9.1	9.6	5	SOT-23
ALPBZT52C9V1S	0.2	8.5	9.1	9.6	5	SOD-323F
ALPBZT52C9V1S-FL	0.2	8.65	9.1	9.56	5	SOD-323FL
ALPBZT55C9V1	0.5	8.5	9.1	9.6	5	SOD-123F
ALPBZX55C9V1	0.5	8.65	9.1	9.56	5	DO-35G
ALPBZX84C9V1	0.3	8.65	9.1	9.56	5	SOT-23
ALPBZX84C9V1W	0.2	8.5	9.1	9.6	5	SOT-323
ALPDL4739A	1	8.65	9.1	9.56	28	Glass Melf (DL-41G)
ALPMM5Z9V1	0.3	8.5	9.1	9.6	5	SOD-523FL
ALPMMSZ5239B	0.5	8.65	9.1	9.56	20	SOD-123F
ALPMMSZ5239B-FL	0.5	8.65	9.1	9.56	20	SOD-123FL
ALPMMSZ5239BS	0.2	8.65	9.1	9.56	20	SOD-323F
ALPMMSZ5239BS-FL	0.2	8.65	9.1	9.56	20	SOD-323FL
ALPZGFM109V1B-M	1	8.6	9.1	9.6	28	SOD-123
ALPZGFM209V1B	2	8.65	9.1	9.56	55	SMB
ALPZGFM309V1B	3	8.65	9.1	9.56	82	SMB
ALPZGFM5346B	5	8.65	9.1	9.56	150	SMC
ALPZGFM5924B	1.5	8.65	9.1	9.56	41.2	SMA
ALPZMM5239B	0.5	8.65	9.1	9.56	20	Glass Mini Melf (SOD-80)
ALPZMM55C9V1	0.5	8.5	9.1	9.6	5	Glass Mini Melf (SOD-80)
ALPZS4739A	1	8.65	9.1	9.56	28	SMA
ALP1N4740A	1	9.5	10	10.5	25	DO-41G
ALP1N5240B	0.5	9.5	10	10.5	20	DO-35G

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPBZD84C10	0.35	9.4	10	10.6	5	SOT-23
ALPBZT52C10S	0.2	9.4	10	10.6	5	SOD-323F
ALPBZT52C10S-FL	0.2	9.5	10	10.5	5	SOD-323FL
ALPBZT55C10	0.5	9.4	10	10.6	5	SOD-123F
ALPBZX55C10	0.5	9.5	10	10.5	5	DO-35G
ALPBZX84C10	0.3	9.5	10	10.5	5	SOT-23
ALPBZX84C10W	0.2	9.4	10	10.6	5	SOT-323
ALPDL4740A	1	9.5	10	10.5	25	Glass Melf (DL-41G)
ALPMM5Z10V	0.3	9.4	10	10.6	5	SOD-523FL
ALPMMSZ5240B	0.5	9.5	10	10.5	20	SOD-123F
ALPMMSZ5240B-FL	0.5	9.5	10	10.5	20	SOD-123FL
ALPMMSZ5240BS	0.2	9.5	10	10.5	20	SOD-323F
ALPMMSZ5240BS-FL	0.2	9.5	10	10.5	20	SOD-323FL
ALPZGFM1010B-M	1	9.5	10	10.5	25	SOD-123
ALPZGFM2010B	2	9.5	10	10.5	50	SMB
ALPZGFM3010B	3	9.5	10	10.5	75	SMB
ALPZGFM5347B	5	9.5	10	10.5	125	SMC
ALPZGFM5925B	1.5	9.5	10	10.5	37.5	SMA
ALPZMM5240B	0.5	9.5	10	10.5	20	Glass Mini Melf (SOD-80)
ALPZMM55C10	0.5	9.4	10	10.6	5	Glass Mini Melf (SOD-80)
ALPZS4740A	1	9.5	10	10.5	25	SMA
ALP1N4741A	1	10.45	11	11.55	23	DO-41G
ALP1N5241B	0.5	10.45	11	11.55	20	DO-35G
ALPBZD84C11	0.35	10.4	11	11.6	5	SOT-23
ALPBZT52C11S	0.2	10.4	11	11.6	5	SOD-323F
ALPBZT52C11S-FL	0.2	10.45	11	11.55	5	SOD-323FL
ALPBZT55C11	0.5	10.4	11	11.6	5	SOD-123F
ALPBZX55C11	0.5	10.45	11	11.55	5	DO-35G
ALPBZX84C11	0.3	10.45	11	11.55	5	SOT-23
ALPBZX84C11W	0.2	10.4	11	11.6	5	SOT-323
ALPDL4741A	1	10.45	11	11.55	23	Glass Melf (DL-41G)
ALPMM5Z11V	0.3	10.4	11	11.6	5	SOD-523FL
ALPMMSZ5241B	0.5	10.45	11	11.55	20	SOD-123F
ALPMMSZ5241B-FL	0.5	10.45	11	11.55	20	SOD-123FL
ALPMMSZ5241BS	0.2	10.45	11	11.55	20	SOD-323F
ALPMMSZ5241BS-FL	0.2	10.45	11	11.55	20	SOD-323FL
ALPZ20-11B	2	10.45	11	11.55	45.5	DO-41
ALPZ30-11B	3	10.45	11	11.55	68	DO-41
ALPZGFM1011B-M	1	10.5	11	11.6	23	SOD-123
ALPZGFM2011B	2	10.45	11	11.55	45.5	SMB
ALPZGFM3011B	3	10.45	11	11.55	68	SMB
ALPZGFM5348B	5	10.45	11	11.56	125	SMC
ALPZGFM5926B	1.5	10.45	11	11.55	34.1	SMA
ALPZMM5241B	0.5	10.45	11	11.55	20	Glass Mini Melf (SOD-80)
ALPZMM55C11	0.5	10.4	11	11.6	5	Glass Mini Melf (SOD-80)
ALPZS4741A	1	10.45	11	11.55	23	SMA

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALP1N4742A	1	11.4	12	12.6	21	DO-41G
ALP1N5242B	0.5	11.4	12	12.6	20	DO-35G
ALPBZD84C12	0.35	11.4	12	12.7	5	SOT-23
ALPBZT52C12S	0.2	11.4	12	12.7	5	SOD-323F
ALPBZT52C12S-FL	0.2	11.4	12	12.6	5	SOD-323FL
ALPBZT55C12	0.5	11.4	12	12.7	5	SOD-123F
ALPBZX55C12	0.5	11.4	12	12.6	5	DO-35G
ALPBZX84C12	0.3	11.4	12	12.6	5	SOT-23
ALPBZX84C12W	0.2	11.4	12	12.7	5	SOT-323
ALPDL4742A	1	11.4	12	12.6	21	Glass Melf (DL-41G)
ALPMM5Z12V	0.3	11.4	12	12.7	5	SOD-523FL
ALPMMSZ5242B	0.5	11.4	12	12.6	20	SOD-123F
ALPMMSZ5242B-FL	0.5	11.4	12	12.6	20	SOD-123FL
ALPMMSZ5242BS	0.2	11.4	12	12.6	20	SOD-323F
ALPMMSZ5242BS-FL	0.2	11.4	12	12.6	20	SOD-323FL
ALPZ20-12B	2	11.4	12	12.6	41.5	DO-41
ALPZ30-12B	3	11.4	12	12.6	63	DO-41
ALPZGFM1012B-M	1	11.4	12	12.6	21	SOD-123
ALPZGFM2012B	2	11.4	12	12.6	41.5	SMB
ALPZGFM3012B	3	11.4	12	12.6	63	SMB
ALPZGFM5349B	5	11.4	12	12.6	125	SMC
ALPZGFM5927B	1.5	11.4	12	12.6	31.2	SMA
ALPZMM5242B	0.5	11.4	12	12.6	20	Glass Mini Melf (SOD-80)
ALPZMM55C12	0.5	11.4	12	12.7	5	Glass Mini Melf (SOD-80)
ALPZS4742A	1	11.4	12	12.6	21	SMA
ALP1N4743A	1	12.35	13	13.65	19	DO-41G
ALP1N5243B	0.5	12.35	13	13.65	9.5	DO-35G
ALPBZD84C13	0.35	12.4	13	14.1	5	SOT-23
ALPBZT52C13S	0.2	12.4	13	14.1	5	SOD-323F
ALPBZT52C13S-FL	0.2	12.35	13	13.65	5	SOD-323FL
ALPBZT55C13	0.5	12.4	13	14.1	5	SOD-123F
ALPBZX55C13	0.5	12.35	13	13.65	5	DO-35G
ALPBZX84C13	0.3	12.35	13	13.65	5	SOT-23
ALPBZX84C13W	0.2	12.4	13	14.1	5	SOT-323
ALPDL4743A	1	12.35	13	13.65	19	Glass Melf (DL-41G)
ALPMM5Z13V	0.3	12.4	13	14.1	5	SOD-523FL
ALPMMSZ5243B	0.5	12.35	13	13.65	9.5	SOD-123F
ALPMMSZ5243B-FL	0.5	12.35	13	13.65	9.5	SOD-123FL
ALPMMSZ5243BS	0.2	12.35	13	13.65	9.5	SOD-323F
ALPMMSZ5243BS-FL	0.2	12.35	13	13.65	9.5	SOD-323FL
ALPZ20-13B	2	12.35	13	13.65	38.5	DO-41
ALPZ30-13B	3	12.35	13	13.65	58	DO-41
ALPZGFM1013B-M	1	12.4	13	13.7	19	SOD-123
ALPZGFM2013B	2	12.35	13	13.65	38.5	SMB
ALPZGFM3013B	3	12.35	13	13.65	58	SMB
ALPZGFM5350B	5	12.35	13	13.65	100	SMC

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZGFM5928B	1.5	12.35	13	13.65	28.8	SMA
ALPZMM5243B	0.5	12.35	13	13.65	9.5	Glass Mini Melf (SOD-80)
ALPZMM55C13	0.5	12.4	13	14.1	5	Glass Mini Melf (SOD-80)
ALPZS4743A	1	12.35	13	13.65	19	SMA
ALP1N5244B	0.5	13.3	14	14.7	9	DO-35G
ALPMMSZ5244B	0.5	13.3	14	14.7	9	SOD-123F
ALPMMSZ5244B-FL	0.5	13.3	14	14.7	9	SOD-123FL
ALPMMSZ5244BS-FL	0.2	13.3	14	14.7	9	SOD-323FL
ALPZGFM5351B	5	13.3	14	14.7	75	SMC
ALPZMM5244B	0.5	13.3	14	14.7	9	Glass Mini Melf (SOD-80)
ALP1N4744A	1	14.25	15	15.75	17	DO-41G
ALP1N5245B	0.5	14.25	15	15.75	8.5	DO-35G
ALPBZD84C15	0.35	14.3	15	15.8	5	SOT-23
ALPBZT52C15S	0.2	14.3	15	15.8	5	SOD-323F
ALPBZT52C15S-FL	0.2	14.25	15	15.75	5	SOD-323FL
ALPBZT55C15	0.5	13.8	15	15.8	5	SOD-123F
ALPBZX55C15	0.5	14.25	15	15.75	5	DO-35G
ALPBZX84C15	0.3	14.25	15	15.75	5	SOT-23
ALPBZX84C15W	0.2	13.8	15	15.6	5	SOT-323
ALPDL4744A	1	14.25	15	15.75	17	Glass Melf (DL-41G)
ALPMMSZ15V	0.3	14.3	15	15.8	5	SOD-523FL
ALPMMSZ5245B	0.5	14.25	15	15.75	8.5	SOD-123F
ALPMMSZ5245B-FL	0.5	14.25	15	15.75	8.5	SOD-123FL
ALPMMSZ5245BS	0.2	14.25	15	15.75	8.5	SOD-323F
ALPMMSZ5245BS-FL	0.2	14.25	15	15.75	8.5	SOD-323FL
ALPZ20-15B	2	14.25	15	15.75	33.4	DO-41
ALPZ30-15B	3	14.25	15	15.75	50	DO-41
ALPZGFM1015B-M	1	14.3	15	15.8	17	SOD-123
ALPZGFM2015B	2	14.25	15	15.75	33.4	SMB
ALPZGFM3015B	3	14.25	15	15.75	50	SMB
ALPZGFM5352B	5	14.25	15	15.75	75	SMC
ALPZGFM5929B	1.5	14.25	15	15.75	25	SMA
ALPZMM5245B	0.5	14.25	15	15.75	8.5	Glass Mini Melf (SOD-80)
ALPZMM55C15	0.5	13.8	15	15.6	5	Glass Mini Melf (SOD-80)
ALPZS4744A	1	14.25	15	15.75	17	SMA
ALP1N4745A	1	15.2	16	16.8	15.5	DO-41G
ALP1N5246B	0.5	15.2	16	16.8	7.8	DO-35G
ALPBZD84C16	0.35	15.3	16	17.1	5	SOT-23
ALPBZT52C16S	0.2	15.3	16	17.1	5	SOD-323F
ALPBZT52C16S-FL	0.2	15.2	16	16.8	5	SOD-323FL
ALPBZT55C16	0.5	15.3	16	17.1	5	SOD-123F
ALPBZX55C16	0.5	15.2	16	16.8	5	DO-35G
ALPBZX84C16	0.3	15.2	16	16.8	5	SOT-23
ALPBZX84C16W	0.2	15.3	16	17.1	5	SOT-323
ALPDL4745A	1	15.2	16	16.8	15.5	Glass Melf (DL-41G)
ALPMMSZ16V	0.3	15.3	16	17.1	2	SOD-523FL

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPMMSZ5246B	0.5	15.2	16	16.8	7.8	SOD-123F
ALPMMSZ5246B-FL	0.5	15.2	16	16.8	7.8	SOD-123FL
ALPMMSZ5246BS	0.2	15.2	16	16.8	7.8	SOD-323F
ALPMMSZ5246BS-FL	0.2	15.2	16	16.8	7.8	SOD-323FL
ALPZ20-16B	2	15.2	16	16.8	31.2	DO-41
ALPZ30-16B	3	15.2	16	16.8	47	DO-41
ALPZGFM1016B-M	1	15.2	16	16.8	15.5	SOD-123
ALPZGFM2016B	2	15.2	16	16.8	31.2	SMB
ALPZGFM3016B	3	15.2	16	16.8	47	SMB
ALPZGFM5353B	5	15.2	16	16.8	75	SMC
ALPZGFM5930B	1.5	15.2	16	16.8	23.4	SMA
ALPZMM5246B	0.5	15.2	16	16.8	7.8	Glass Mini Melf (SOD-80)
ALPZMM55C16	0.5	15.3	16	17.1	5	Glass Mini Melf (SOD-80)
ALPZS4745A	1	15.2	16	16.8	15.5	SMA
ALP1N5247B	0.5	16.15	17	17.85	7.4	DO-35G
ALPMMSZ5247B	0.5	16.15	17	17.85	7.4	SOD-123F
ALPMMSZ5247B-FL	0.5	16.15	17	17.85	7.4	SOD-123FL
ALPMMSZ5247BS-FL	0.2	16.15	17	17.85	7.4	SOD-323FL
ALPZGFM5354B	5	16.15	17	17.85	70	SMC
ALPZMM5247B	0.5	16.15	17	17.85	7.4	Glass Mini Melf (SOD-80)
ALP1N4746A	1	17.1	18	18.9	14	DO-41G
ALP1N5248B	0.5	17.1	18	18.9	7	DO-35G
ALPBZD84C18	0.35	16.8	18	19.1	5	SOT-23
ALPBZT52C18S	0.2	16.8	18	19.1	5	SOD-323F
ALPBZT52C18S-FL	0.2	17.1	18	18.9	5	SOD-323FL
ALPBZT55C18	0.5	16.8	18	19.1	5	SOD-123F
ALPBZX55C18	0.5	17.1	18	18.9	5	DO-35G
ALPBZX84C18	0.3	17.1	18	18.9	5	SOT-23
ALPBZX84C18W	0.2	16.8	18	19.1	5	SOT-323
ALPDL4746A	1	17.1	18	18.9	14	Glass Melf (DL-41G)
ALPMM5Z18V	0.3	16.8	18	19.1	2	SOD-523FL
ALPMMSZ5248B	0.5	17.1	18	18.9	7	SOD-123F
ALPMMSZ5248B-FL	0.5	17.1	18	18.9	7	SOD-123FL
ALPMMSZ5248BS	0.2	17.1	18	18.9	7	SOD-323F
ALPMMSZ5248BS-FL	0.2	17.1	18	18.9	7	SOD-323FL
ALPZ20-18B	2	17.1	18	18.9	27.8	DO-41
ALPZ30-18B	3	17.1	18	18.9	42	DO-41
ALPZGFM1018B-M	1	17.1	18	18.9	14	SOD-123
ALPZGFM2018B	2	17.1	18	18.9	27.8	SMB
ALPZGFM3018B	3	17.1	18	18.9	42	SMB
ALPZGFM5355B	5	17.1	18	18.9	65	SMC
ALPZGFM5931B	1.5	17.1	18	18.9	20.8	SMA
ALPZMM5248B	0.5	17.1	18	18.9	7	Glass Mini Melf (SOD-80)
ALPZMM55C18	0.5	16.8	18	19.1	5	Glass Mini Melf (SOD-80)
ALPZS4746A	1	17.1	18	18.9	14	SMA
ALP1N5249B	0.5	18.05	19	19.95	6.6	DO-35G

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPMMSZ5249B-FL	0.5	18.05	19	19.95	6.6	SOD-123FL
ALPMMSZ5249BS-FL	0.2	18.05	19	19.95	6.6	SOD-323FL
ALPZGFM5356B	5	18.05	19	19.95	65	SMC
ALPZMM5249B	0.5	18.05	19	19.95	6.6	Glass Mini Melf (SOD-80)
ALP1N4747A	1	19	20	21	12.5	DO-41G
ALP1N5250B	0.5	19	20	21	6.2	DO-35G
ALPBZD84C20	0.35	18.8	20	21.2	5	SOT-23
ALPBZT52C20S	0.2	18.8	20	21.2	5	SOD-323F
ALPBZT52C20S-FL	0.2	19	20	21	5	SOD-323FL
ALPBZT55C20	0.5	18.8	20	21.2	5	SOD-123F
ALPBZX55C20	0.5	19	20	21	5	DO-35G
ALPBZX84C20	0.3	19	20	21	5	SOT-23
ALPBZX84C20W	0.2	18.8	20	21.2	5	SOT-323
ALPDL4747A	1	19	20	21	12.5	Glass Melf (DL-41G)
ALPMM5Z20V	0.3	18.8	20	21.2	2	SOD-523FL
ALPMMSZ5250B	0.5	19	20	21	6.2	SOD-123F
ALPMMSZ5250B-FL	0.5	19	20	21	6.2	SOD-123FL
ALPMMSZ5250BS	0.2	19	20	21	6.2	SOD-323F
ALPMMSZ5250BS-FL	0.2	19	20	21	6.2	SOD-323FL
ALPZ20-20B	2	19	20	21	25	DO-41
ALPZ30-20B	3	19	20	21	37	DO-41
ALPZGFM1020B-M	1	19	20	21	12.5	SOD-123
ALPZGFM2020B	2	19	20	21	25	SMB
ALPZGFM3020B	3	19	20	21	37	SMB
ALPZGFM5357B	5	19	20	21	65	SMC
ALPZGFM5932B	1.5	19	20	21	18.7	SMA
ALPZMM5250B	0.5	19	20	21	6.2	Glass Mini Melf (SOD-80)
ALPZMM55C20	0.5	18.8	20	21.2	5	Glass Mini Melf (SOD-80)
ALPZS4747A	1	19	20	21	12.5	SMA
ALP1N4748A	1	20.9	22	23.1	11.5	DO-41G
ALP1N5251B	0.5	20.9	22	23.1	5.6	DO-35G
ALPBZD84C22	0.35	20.8	22	23.3	5	SOT-23
ALPBZT52C22S	0.2	20.8	22	23.3	5	SOD-323F
ALPBZT52C22S-FL	0.2	20.9	22	23.1	5	SOD-323FL
ALPBZT55C22	0.5	20.8	22	23.3	5	SOD-123F
ALPBZX55C22	0.5	20.9	22	23.1	5	DO-35G
ALPBZX84C22	0.3	20.9	22	23.1	5	SOT-23
ALPBZX84C22W	0.2	20.8	22	23.3	5	SOT-323
ALPDL4748A	1	20.9	22	23.1	11.5	Glass Melf (DL-41G)
ALPMM5Z22V	0.3	20.8	22	23.3	2	SOD-523FL
ALPMMSZ5251B	0.5	20.9	22	23.1	5.6	SOD-123F
ALPMMSZ5251B-FL	0.5	20.9	22	23.1	5.6	SOD-123FL
ALPMMSZ5251BS	0.2	20.9	22	23.1	5.6	SOD-323F
ALPMMSZ5251BS-FL	0.2	20.9	22	23.1	5.6	SOD-323FL
ALPZ20-22B	2	20.9	22	23.1	22.8	DO-41
ALPZ30-22B	3	20.9	22	23.1	34	DO-41

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZGFM1022B-M	1	20.9	22	23.1	11.5	SOD-123
ALPZGFM2022B	2	20.9	22	23.1	22.8	SMB
ALPZGFM3022B	3	20.9	22	23.1	34	SMB
ALPZGFM5358B	5	20.9	22	23.1	50	SMC
ALPZGFM5933B	1.5	20.9	22	23.1	17	SMA
ALPZMM5251B	0.5	20.9	22	23.1	5.6	Glass Mini Melf (SOD-80)
ALPZMM55C22	0.5	20.8	22	23.3	5	Glass Mini Melf (SOD-80)
ALPZS4748A	1	20.9	22	23.1	11.5	SMA
ALP1N4749A	1	22.8	24	25.2	10.5	DO-41G
ALP1N5252B	0.5	22.8	24	25.2	5.2	DO-35G
ALPBZD84C24	0.35	22.8	24	25.6	5	SOT-23
ALPBZT52C24S	0.2	22.8	24	25.6	5	SOD-323F
ALPBZT52C24S-FL	0.2	22.8	24	25.2	5	SOD-323FL
ALPBZT55C24	0.5	22.8	24	25.6	5	SOD-123F
ALPBZX55C24	0.5	22.8	24	25.2	5	DO-35G
ALPBZX84C24	0.3	22.8	24	25.2	5	SOT-23
ALPBZX84C24W	0.2	22.8	24	25.6	5	SOT-323
ALPDL4749A	1	22.8	24	25.2	10.5	Glass Melf (DL-41G)
ALPMM5Z24V	0.3	22.8	24	25.6	2	SOD-523FL
ALPMMSZ5252B	0.5	22.8	24	25.2	5.2	SOD-123F
ALPMMSZ5252B-FL	0.5	22.8	24	25.2	5.2	SOD-123FL
ALPMMSZ5252BS	0.2	22.8	24	25.2	5.2	SOD-323F
ALPMMSZ5252BS-FL	0.2	22.8	24	25.2	5.2	SOD-323FL
ALPZ20-24B	2	22.8	24	25.2	20.8	DO-41
ALPZ30-24B	3	22.8	24	25.2	31	DO-41
ALPZGFM1024B-M	1	22.8	24	25.2	10.5	SOD-123
ALPZGFM2024B	2	22.8	24	25.2	20.8	SMB
ALPZGFM3024B	3	22.8	24	25.2	31	SMB
ALPZGFM5359B	5	22.8	24	25.2	50	SMC
ALPZGFM5934B	1.5	22.8	24	25.2	15.6	SMA
ALPZMM5252B	0.5	22.8	24	25.2	5.2	Glass Mini Melf (SOD-80)
ALPZMM55C24	0.5	22.8	24	25.6	5	Glass Mini Melf (SOD-80)
ALPZS4749A	1	22.8	24	25.2	10.5	SMA
ALP1N5253B	0.5	23.75	25	26.25	5	DO-35G
ALPMMSZ5253B-FL	0.5	23.75	25	26.25	5	SOD-123FL
ALPMMSZ5253BS-FL	0.2	23.75	25	26.25	5	SOD-323FL
ALPZGFM5360B	5	23.75	25	26.25	50	SMC
ALPZMM5253B	0.5	23.75	25	26.25	5	Glass Mini Melf (SOD-80)
ALP1N4750A	1	25.65	27	28.35	9.5	DO-41G
ALP1N5254B	0.5	25.65	27	28.35	4.6	DO-35G
ALPBZD84C27	0.35	25.1	27	28.9	5	SOT-23
ALPBZT52C27S	0.2	25.1	27	28.9	2	SOD-323F
ALPBZT52C27S-FL	0.2	25.65	27	28.35	2	SOD-323FL
ALPBZT55C27	0.5	25.1	27	28.9	2	SOD-123F
ALPBZX55C27	0.5	25.65	27	28.35	5	DO-35G
ALPBZX84C27	0.3	25.65	27	28.35	2	SOT-23

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPBZX84C27W	0.2	25.1	27	28.9	2	SOT-323
ALPDL4750A	1	25.65	27	28.35	9.5	Glass Melf (DL-41G)
ALPMM5Z27V	0.3	25.1	27	28.9	2	SOD-523FL
ALPMMSZ5254B	0.5	25.65	27	28.35	4.6	SOD-123F
ALPMMSZ5254B-FL	0.5	25.65	27	28.35	4.6	SOD-123FL
ALPMMSZ5254BS	0.2	25.65	27	28.35	5	SOD-323F
ALPMMSZ5254BS-FL	0.2	25.65	27	28.35	4.6	SOD-323FL
ALPZ20-27B	2	25.65	27	28.35	18.5	DO-41
ALPZ30-27B	3	25.65	27	28.35	28	DO-41
ALPZGFM1027B-M	1	25.7	27	28.4	9.5	SOD-123
ALPZGFM2027B	2	25.65	27	28.35	18.5	SMB
ALPZGFM3027B	3	25.65	27	28.35	28	SMB
ALPZGFM5361B	5	25.65	27	28.35	50	SMC
ALPZGFM5935B	1.5	25.65	27	28.35	13.9	SMA
ALPZMM5254B	0.5	25.65	27	28.35	4.6	Glass Mini Melf (SOD-80)
ALPZMM55C27	0.5	25.1	27	28.9	2.5	Glass Mini Melf (SOD-80)
ALPZS4750A	1	25.65	27	28.35	9.5	SMA
ALP1N5255B	0.5	26.6	28	29.4	4.5	DO-35G
ALPMMSZ5255B	0.5	26.6	28	29.4	4.5	SOD-123F
ALPMMSZ5255B-FL	0.5	26.6	28	29.4	4.5	SOD-123FL
ALPMMSZ5255BS	0.2	26.6	28	29.4	4.5	SOD-323F
ALPMMSZ5255BS-FL	0.2	26.6	28	29.4	4.5	SOD-323FL
ALPZGFM5362B	5	26.6	28	29.4	50	SMC
ALPZMM5255B	0.5	26.6	28	29.4	4.5	Glass Mini Melf (SOD-80)
ALP1N4751A	1	28.5	30	31.5	8.5	DO-41G
ALP1N5256B	0.5	28.5	30	31.5	4.2	DO-35G
ALPBZD84C30	0.35	28	30	32	5	SOT-23
ALPBZT52C30S	0.2	28	30	32	2	SOD-323F
ALPBZT52C30S-FL	0.2	28.5	30	31.5	2	SOD-323FL
ALPBZT55C30	0.5	28	30	32	2	SOD-123F
ALPBZX55C30	0.5	28.5	30	31.5	5	DO-35G
ALPBZX84C30	0.3	28.5	30	31.5	2	SOT-23
ALPBZX84C30W	0.2	28	30	32	2	SOT-323
ALPDL4751A	1	28.5	30	31.5	8.5	Glass Melf (DL-41G)
ALPMM5Z30V	0.3	28	30	32	2	SOD-523FL
ALPMMSZ5256B	0.5	28.5	30	31.5	4.2	SOD-123F
ALPMMSZ5256B-FL	0.5	28.5	30	31.5	4.2	SOD-123FL
ALPMMSZ5256BS	0.2	28.5	30	31.5	4.2	SOD-323F
ALPMMSZ5256BS-FL	0.2	28.5	30	31.5	4.2	SOD-323FL
ALPZ20-30B	2	28.5	30	31.5	16.6	DO-41
ALPZ30-30B	3	28.5	30	31.5	25	DO-41
ALPZGFM1030B-M	1	28.5	30	31.5	8.5	SOD-123
ALPZGFM2030B	2	28.5	30	31.5	16.6	SMB
ALPZGFM3030B	3	28.5	30	31.5	25	SMB
ALPZGFM5363B	5	28.5	30	31.5	40	SMC
ALPZGFM5936B	1.5	28.5	30	31.5	12.5	SMA

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZMM5256B	0.5	28.5	30	31.5	4.2	Glass Mini Melf (SOD-80)
ALPZMM55C30	0.5	28	30	32	2.5	Glass Mini Melf (SOD-80)
ALPZS4751A	1	28.5	30	31.5	8.5	SMA
ALP1N4752A	1	31.35	33	34.65	7.5	DO-41G
ALP1N5257B	0.5	31.35	33	34.65	3.8	DO-35G
ALPBZD84C33	0.35	31	33	35	5	SOT-23
ALPBZT52C33S	0.2	31	33	35	2	SOD-323F
ALPBZT52C33S-FL	0.2	31.35	33	34.65	2	SOD-323FL
ALPBZT55C33	0.5	31	33	35	2	SOD-123F
ALPBZX55C33	0.5	31.35	33	34.65	5	DO-35G
ALPBZX84C33	0.3	31.35	33	34.65	2	SOT-23
ALPBZX84C33W	0.2	31	33	35	2	SOT-323
ALPDL4752A	1	31.35	33	34.65	7.5	Glass Melf (DL-41G)
ALPMM5Z33V	0.3	31	33	35	2	SOD-523FL
ALPMMSZ5257B	0.5	31.35	33	34.65	3.8	SOD-123F
ALPMMSZ5257B-FL	0.5	31.35	33	34.65	3.8	SOD-123FL
ALPMMSZ5257BS	0.2	31.35	33	34.65	3.8	SOD-323F
ALPMMSZ5257BS-FL	0.2	31.35	33	34.65	3.8	SOD-323FL
ALPZ20-33B	2	31.35	33	34.65	15.1	DO-41
ALPZ30-33B	3	31.35	33	34.65	23	DO-41
ALPZGFM1033B-M	1	31.4	33	34.7	7.5	SOD-123
ALPZGFM2033B	2	31.35	33	34.65	15.1	SMB
ALPZGFM3033B	3	31.35	33	34.65	23	SMB
ALPZGFM5364B	5	31.35	33	34.65	40	SMC
ALPZGFM5937B	1.5	31.35	33	34.65	11.4	SMA
ALPZMM5257B	0.5	31.35	33	34.65	3.8	Glass Mini Melf (SOD-80)
ALPZMM55C33	0.5	31	33	35	2.5	Glass Mini Melf (SOD-80)
ALPZS4752A	1	31.35	33	34.65	7.5	SMA
ALP1N4753A	1	34.2	36	37.8	7	DO-41G
ALP1N5258B	0.5	34.2	36	37.8	3.4	DO-35G
ALPBZD84C36	0.35	34	36	38	5	SOT-23
ALPBZT52C36S	0.2	34	36	38	2	SOD-323F
ALPBZT52C36S-FL	0.2	34.2	36	37.8	2	SOD-323FL
ALPBZT55C36	0.5	34	36	38	2	SOD-123F
ALPBZX55C36	0.5	34.2	36	37.8	5	DO-35G
ALPBZX84C36	0.3	34.2	36	37.8	2	SOT-23
ALPBZX84C36W	0.2	34	36	38	2	SOT-323
ALPDL4753A	1	34.2	36	37.8	7	Glass Melf (DL-41G)
ALPMM5Z36V	0.3	34	36	38	2	SOD-523FL
ALPMMSZ5258B	0.5	34.2	36	37.8	3.4	SOD-123F
ALPMMSZ5258B-FL	0.5	34.2	36	37.8	3.4	SOD-123FL
ALPMMSZ5258BS	0.2	34.2	36	37.8	3.4	SOD-323F
ALPMMSZ5258BS-FL	0.2	34.2	36	37.8	3.4	SOD-323FL
ALPZ20-36B	2	34.2	36	37.8	13.9	DO-41
ALPZ30-36B	3	34.2	36	37.8	21	DO-41
ALPZGFM1036B-M	1	34.2	36	37.8	7	SOD-123

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZGFM2036B	2	34.2	36	37.8	13.9	SMB
ALPZGFM3036B	3	34.2	36	37.8	21	SMB
ALPZGFM5365B	5	34.2	36	37.8	30	SMC
ALPZGFM5938B	1.5	34.2	36	37.8	10.4	SMA
ALPZMM5258B	0.5	34.2	36	37.8	3.4	Glass Mini Melf (SOD-80)
ALPZMM55C36	0.5	34	36	38	2.5	Glass Mini Melf (SOD-80)
ALPZS4753A	1	34.2	36	37.8	7	SMA
ALP1N4754A	1	37.05	39	40.95	6.5	DO-41G
ALP1N5259B	0.5	37.05	39	40.95	3.2	DO-35G
ALPBZD84C39	0.35	37	39	41	5	SOT-23
ALPBZT52C39S	0.2	37	39	41	2	SOD-323F
ALPBZT52C39S-FL	0.2	37.05	39	40.95	2	SOD-323FL
ALPBZT55C39	0.5	37	39	41	2	SOD-123F
ALPBZX55C39	0.5	37.05	39	40.95	2.5	DO-35G
ALPBZX84C39	0.3	37.05	39	40.95	2	SOT-23
ALPBZX84C39W	0.2	37	39	41	2	SOT-323
ALPDL4754A	1	37.05	39	40.95	6.5	Glass Melf (DL-41G)
ALPMM5Z39V	0.3	37	39	41	2	SOD-523FL
ALPMMSZ5259B	0.5	37.05	39	40.95	3.2	SOD-123F
ALPMMSZ5259B-FL	0.5	37.05	39	40.95	3.2	SOD-123FL
ALPMMSZ5259BS	0.2	37.05	39	40.95	3.2	SOD-323F
ALPMMSZ5259BS-FL	0.2	37.05	39	40.95	3.2	SOD-323FL
ALPZ20-39B	2	37.05	39	40.95	12.8	DO-41
ALPZ30-39B	3	37.05	39	40.95	19	DO-41
ALPZGFM1039B-M	1	37.1	39	41	6.5	SOD-123
ALPZGFM2039B	2	37.05	39	40.95	12.8	SMB
ALPZGFM3039B	3	37.05	39	40.95	19	SMB
ALPZGFM5366B	5	37.05	39	40.95	30	SMC
ALPZGFM5939B	1.5	37.05	39	40.95	9.6	SMA
ALPZMM5259B	0.5	37.05	39	40.95	3.2	Glass Mini Melf (SOD-80)
ALPZMM55C39	0.5	37	39	41	2.5	Glass Mini Melf (SOD-80)
ALPZS4754A	1	37.05	39	40.95	6.5	SMA
ALP1N4755A	1	40.85	43	45.15	6	DO-41G
ALP1N5260B	0.5	40.85	43	45.15	3	DO-35G
ALPBZD84C43	0.35	40	43	46	5	SOT-23
ALPBZT52C43S	0.2	40	43	46	2	SOD-323F
ALPBZT52C43S-FL	0.2	40.85	43	45.15	2	SOD-323FL
ALPBZT55C43	0.5	40	43	46	2	SOD-123F
ALPBZX55C43	0.5	40.85	43	45.15	2.5	DO-35G
ALPBZX84C43	0.3	40.85	43	45.15	2	SOT-23
ALPDL4755A	1	40.85	43	45.15	6	Glass Melf (DL-41G)
ALPMM5Z43V	0.3	40	43	46	2	SOD-523FL
ALPMMSZ5260B	0.5	40.85	43	45.15	3	SOD-123F
ALPMMSZ5260B-FL	0.5	40.85	43	45.15	3	SOD-123FL
ALPMMSZ5260BS-FL	0.2	40.85	43	45.15	3	SOD-323FL
ALPZ20-43B	2	40.85	43	45.15	11.6	DO-41

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZ30-43B	3	40.85	43	45.15	17	DO-41
ALPZGFM1043B-M	1	40.9	43	45.2	6	SOD-123
ALPZGFM2043B	2	40.85	43	45.15	11.6	SMB
ALPZGFM3043B	3	40.85	43	45.15	17	SMB
ALPZGFM5367B	5	40.85	43	45.15	30	SMC
ALPZGFM5940B	1.5	40.85	43	45.15	8.7	SMA
ALPZMM5260B	0.5	40.85	43	45.15	3	Glass Mini Melf (SOD-80)
ALPZMM55C43	0.5	40	43	46	2.5	Glass Mini Melf (SOD-80)
ALPZS4755A	1	40.85	43	45.15	6	SMA
ALP1N4756A	1	44.65	47	49.35	5.5	DO-41G
ALP1N5261B	0.5	44.65	47	49.35	2.7	DO-35G
ALPBZD84C47	0.35	44	47	50	5	SOT-23
ALPBZT52C47S	0.2	44	47	50	2	SOD-323F
ALPBZT52C47S-FL	0.2	44.65	47	49.35	2	SOD-323FL
ALPBZT55C47	0.5	44	47	50	2	SOD-123F
ALPBZX55C47	0.5	44.65	47	49.35	2.5	DO-35G
ALPBZX84C47	0.3	44.65	47	49.35	2	SOT-23
ALPDL4756A	1	44.65	47	49.35	5.5	Glass Melf (DL-41G)
ALPMM5Z47V	0.3	44	47	50	2	SOD-523FL
ALPMMSZ5261B	0.5	44.65	47	49.35	2.7	SOD-123F
ALPMMSZ5261B-FL	0.5	44.65	47	49.35	2.7	SOD-123FL
ALPMMSZ5261BS-FL	0.2	44.65	47	49.35	2.7	SOD-323FL
ALPZ20-47B	2	44.65	47	49.35	10.6	DO-41
ALPZ30-47B	3	44.65	47	49.35	16	DO-41
ALPZGFM1047B-M	1	44.7	47	49.4	5.5	SOD-123
ALPZGFM2047B	2	44.65	47	49.35	10.6	SMB
ALPZGFM3047B	3	44.65	47	19.35	16	SMB
ALPZGFM5368B	5	44.65	47	49.35	25	SMC
ALPZGFM5941B	1.5	44.65	47	49.35	8	SMA
ALPZMM5261B	0.5	44.65	47	49.35	2.7	Glass Mini Melf (SOD-80)
ALPZMM55C47	0.5	44	47	50	2.5	Glass Mini Melf (SOD-80)
ALPZS4756A	1	44.65	47	49.35	5.5	SMA
ALP1N4757A	1	48.45	51	53.55	5	DO-41G
ALP1N5262B	0.5	48.45	51	53.55	2.5	DO-35G
ALPBZD84C51	0.35	48	51	54	5	SOT-23
ALPBZT52C51S	0.2	48	51	54	2	SOD-323F
ALPBZT52C51S-FL	0.2	48.45	51	53.55	2	SOD-323FL
ALPBZT55C51	0.5	48	51	54	2	SOD-123F
ALPBZX55C51	0.5	48.45	51	53.55	2.5	DO-35G
ALPBZX84C51	0.3	48.45	51	53.55	2	SOT-23
ALPDL4757A	1	48.45	51	53.55	5	Glass Melf (DL-41G)
ALPMM5Z51V	0.3	48	51	54	2	SOD-523FL
ALPMMSZ5262B	0.5	48.45	51	53.55	2.5	SOD-123F
ALPMMSZ5262B-FL	0.5	48.45	51	53.55	2.5	SOD-123FL
ALPMMSZ5262BS-FL	0.2	48.45	51	53.55	2.5	SOD-323FL
ALPZ20-51B	2	48.45	51	53.55	9.8	DO-41

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZ30-51B	3	48.45	51	53.55	15	DO-41
ALPZGFM1051B-M	1	48.5	51	53.6	5	SOD-123
ALPZGFM2051B	2	48.45	51	53.55	9.8	SMB
ALPZGFM3051B	3	48.45	51	53.55	15	SMB
ALPZGFM5369B	5	48.45	51	53.55	25	SMC
ALPZGFM5942B	1.5	48.45	51	53.55	7.3	SMA
ALPZMM5262B	0.5	48.45	51	53.55	2.5	Glass Mini Melf (SOD-80)
ALPZMM55C51	0.5	48	51	54	2.5	Glass Mini Melf (SOD-80)
ALPZS4757A	1	48.45	51	53.55	5	SMA
ALP1N4758A	1	53.2	56	58.8	4.5	DO-41G
ALP1N5263B	0.5	53.2	56	58.8	2.2	DO-35G
ALPBZD84C56	0.35	52	56	60	5	SOT-23
ALPBZT52C56S	0.2	52	56	60	2	SOD-323F
ALPBZT52C56S-FL	0.2	53.2	56	58.8	2	SOD-323FL
ALPBZX55C56	0.5	53.2	56	58.8	2.5	DO-35G
ALPBZX84C56	0.3	53.2	56	58.8	2	SOT-23
ALPDL4758A	1	53.2	56	58.8	4.5	Glass Melf (DL-41G)
ALPMM5Z56V	0.3	52	56	60	2	SOD-523FL
ALPMMSZ5263B	0.5	53.2	56	58.8	2.2	SOD-123F
ALPMMSZ5263B-FL	0.5	53.2	56	58.8	2.2	SOD-123FL
ALPMMSZ5263BS-FL	0.2	53.2	56	58.8	2.2	SOD-323FL
ALPZ20-56B	2	53.2	56	58.8	9	DO-41
ALPZ30-56B	3	53.2	56	58.8	13	DO-41
ALPZGFM1056B-M	1	53.2	56	58.8	4.5	SOD-123
ALPZGFM2056B	2	53.2	56	58.8	9	SMB
ALPZGFM3056B	3	53.2	56	58.8	13	SMB
ALPZGFM5370B	5	53.2	56	58.8	20	SMC
ALPZGFM5943B	1.5	53.2	56	58.8	6.7	SMA
ALPZMM5263B	0.5	53.2	56	58.8	2.2	Glass Mini Melf (SOD-80)
ALPZMM55C56	0.5	52	56	60	2.5	Glass Mini Melf (SOD-80)
ALPZS4758A	1	53.2	56	58.8	4.5	SMA
ALP1N5264B	0.5	57	60	63	2.1	DO-35G
ALPMMSZ5264B	0.5	57	60	63	2.1	SOD-123F
ALPMMSZ5264B-FL	0.5	57	60	63	2.1	SOD-123FL
ALPMMSZ5264BS-FL	0.2	57	60	63	2.1	SOD-323FL
ALPZGFM5371B	5	57	60	63	20	SMC
ALPZMM5264B	0.5	57	60	63	2.1	Glass Mini Melf (SOD-80)
ALP1N4759A	1	58.9	62	65.1	4	DO-41G
ALP1N5265B	0.5	58.9	62	65.1	2	DO-35G
ALPBZD84C62	0.35	58	62	66	5	SOT-23
ALPBZT52C62S	0.2	58	62	66	2	SOD-323F
ALPBZT52C62S-FL	0.2	58.9	62	65.1	2	SOD-323FL
ALPBZX55C62	0.5	58.9	62	65.1	2.5	DO-35G
ALPBZX84C62	0.3	58.9	62	65.1	2	SOT-23
ALPDL4759A	1	58.9	62	65.1	4	Glass Melf (DL-41G)
ALPMM5Z62V	0.3	58	62	66	2	SOD-523FL

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPMMSZ5265B	0.5	58.9	62	65.1	2	SOD-123F
ALPMMSZ5265B-FL	0.5	58.9	62	65.1	2	SOD-123FL
ALPMMSZ5265BS-FL	0.2	58.9	62	65.1	2	SOD-323FL
ALPZ20-62B	2	58.9	62	65.1	8.1	DO-41
ALPZ30-62B	3	58.9	62	65.1	12	DO-41
ALPZGFM1062B-M	1	58.9	62	65.1	4	SOD-123
ALPZGFM2062B	2	58.9	62	65.1	8.1	SMB
ALPZGFM3062B	3	58.9	62	65.1	12	SMB
ALPZGFM5372B	5	58.9	62	65.1	20	SMC
ALPZGFM5944B	1.5	58.9	62	65.1	6	SMA
ALPZMM5265B	0.5	58.9	62	65.1	2	Glass Mini Melf (SOD-80)
ALPZMM55C62	0.5	58	62	66	2.5	Glass Mini Melf (SOD-80)
ALPZS4759A	1	58.9	62	65.1	4	SMA
ALP1N4760A	1	64.6	68	71.4	3.7	DO-41G
ALP1N5266B	0.5	64.6	68	74.1	1.8	DO-35G
ALPBZD84C68	0.35	64	68	72	5	SOT-23
ALPBZT52C68S	0.2	64	68	72	2	SOD-323F
ALPBZT52C68S-FL	0.2	64.6	68	71.4	2	SOD-323FL
ALPBZX55C68	0.5	64.6	68	71.4	2.5	DO-35G
ALPBZX84C68	0.3	64.6	68	71.4	2	SOT-23
ALPDL4760A	1	64.6	68	71.4	3.7	Glass Melf (DL-41G)
ALPMM5Z68V	0.3	64	68	72	2	SOD-523FL
ALPMMSZ5266B	0.5	64.6	68	71.4	1.8	SOD-123F
ALPMMSZ5266B-FL	0.5	64.6	68	71.4	1.8	SOD-123FL
ALPMMSZ5266BS-FL	0.2	64.6	68	71.4	1.8	SOD-323FL
ALPZ20-68B	2	64.6	68	71.4	7.4	DO-41
ALPZ30-68B	3	64.6	68	71.4	11	DO-41
ALPZGFM1068B-M	1	64.6	68	71.4	3.7	SOD-123
ALPZGFM2068B	2	64.6	68	71.4	7.4	SMB
ALPZGFM3068B	3	64.6	68	71.4	11	SMB
ALPZGFM5373B	5	64.4	68	71.4	20	SMC
ALPZGFM5945B	1.5	64.6	68	71.4	5.5	SMA
ALPZMM5266B	0.5	64.6	68	71.4	1.8	Glass Mini Melf (SOD-80)
ALPZMM55C68	0.5	64	68	72	2.5	Glass Mini Melf (SOD-80)
ALPZS4760A	1	64.6	68	71.4	3.7	SMA
ALP1N4761A	1	71.25	75	78.75	3.3	DO-41G
ALP1N5267B	0.5	71.25	75	78.75	1.7	DO-35G
ALPBZD84C75	0.35	70	75	79	5	SOT-23
ALPBZT52C75S	0.2	70	75	79	2	SOD-323F
ALPBZT52C75S-FL	0.2	71.25	75	78.75	2	SOD-323FL
ALPBZX55C75	0.5	71.25	75	78.75	2.5	DO-35G
ALPBZX84C75	0.3	71.25	75	78.75	2	SOT-23
ALPDL4761A	1	71.25	75	78.75	3.3	Glass Melf (DL-41G)
ALPMM5Z75V	0.3	70	75	79	2	SOD-523FL
ALPMMSZ5267B	0.5	71.25	75	78.75	1.7	SOD-123F
ALPMMSZ5267B-FL	0.5	71.25	75	75.75	1.7	SOD-123FL

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPMMSZ5267BS-FL	0.2	71.45	75	78.45	1.7	SOD-323FL
ALPZ20-75B	2	71.25	75	78.75	6.7	DO-41
ALPZ30-75B	3	71.25	75	78.75	10	DO-41
ALPZGFM1075B-M	1	71.3	75	78.8	3.3	SOD-123
ALPZGFM2075B	2	71.25	75	78.75	6.7	SMB
ALPZGFM3075B	3	71.25	75	78.75	10	SMB
ALPZGFM5374B	5	71.25	75	78.75	20	SMC
ALPZGFM5946B	1.5	71.25	75	78.75	5	SMA
ALPZMM5267B	0.5	71.25	75	78.75	1.7	Glass Mini Melf (SOD-80)
ALPZMM55C75	0.5	70	75	79	2.5	Glass Mini Melf (SOD-80)
ALPZS4761A	1	71.25	75	78.75	3.3	SMA
ALPBZX55C82	0.5	77.9	82	86.1	2.5	DO-35G
ALPZ20-82B	2	77.9	82	86.1	6.1	DO-41
ALPZ30-82B	3	77.9	82	86.1	9.1	DO-41
ALPZGFM1082B-M	1	77.9	82	86.1	3	SOD-123
ALPZGFM2082B	2	77.9	82	86.1	6.1	SMB
ALPZGFM3082B	3	77.9	82	86.1	9.1	SMB
ALPZGFM5375B	5	77.9	82	86.1	15	SMC
ALPZGFM5947B	1.5	77.9	82	86.1	4.6	SMA
ALPZS4762A	1	77.9	82	86.1	3	SMA
ALPZGFM5376B	5	82.65	87	91.35	15	SMC
ALPBZX55C91	0.5	86.45	91	95.55	1	DO-35G
ALPZ20-91B	2	86.45	91	95.55	5.5	DO-41
ALPZ30-91B	3	86.45	91	95.55	8.2	DO-41
ALPZGFM1091B-M	1	86.5	91	95.6	2.8	SOD-123
ALPZGFM2091B	2	86.45	91	95.55	5.5	SMB
ALPZGFM3091B	3	86.45	91	95.55	8.2	SMB
ALPZGFM5377B	5	86.45	91	95.55	15	SMC
ALPZGFM5948B	1.5	86.45	91	95.55	4.1	SMA
ALPZS4763A	1	86.45	91	95.55	2.8	SMA
ALPBZX55C100	0.5	95	100	105	1	DO-35G
ALPZ100B	1	95	100	105	5	DO-41
ALPZ20-100B	2	95	100	105	5	DO-41
ALPZ30-100B	3	95	100	105	5	DO-41
ALPZGFM10100B-M	1	95	100	105	2.5	SOD-123
ALPZGFM20100B	2	95	100	105	5	SMB
ALPZGFM30100B	3	95	100	105	7.5	SMB
ALPZGFM5378B	5	95	100	105	12	SMC
ALPZGFM5949B	1.5	95	100	105	3.7	SMA
ALPZS100B	1	95	100	105	5	SMA
ALPZS4764A	1	95	100	105	2.5	SMA
ALPZ105B	1	99.75	105	110.25	5	DO-41
ALPZ110B	1	104.5	110	115.5	5	DO-41
ALPZ20-110B	2	104.5	110	115.5	5	DO-41
ALPZ30-110B	3	104.5	110	115.5	5	DO-41
ALPZGFM10110B-M	1	104.5	110	115.5	2.3	SOD-123

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZGFM20110B	2	104.5	110	115.5	4.5	SMB
ALPZGFM30110B	3	104.5	110	115.5	6.8	SMB
ALPZGFM5950B	1.5	104.5	110	115.5	3.4	SMA
ALPZS110B	1	104.5	110	115.5	5	SMA
ALPZ115B	1	109.25	115	120.75	5	DO-41
ALPZ20-115B	2	109.25	115	120.75	5	DO-41
ALPZ30-115B	3	109.25	115	120.75	5	DO-41
ALPZ120B	1	114	120	126	5	DO-41
ALPZ20-120B	2	114	120	126	5	DO-41
ALPZ30-120B	3	114	120	126	5	DO-41
ALPZGFM10120B-M	1	114	120	126	2	SOD-123
ALPZGFM20120B	2	114	120	126	4.2	SMB
ALPZGFM30120B	3	114	120	126	6.3	SMB
ALPZGFM5951B	1.5	114	120	126	3.1	SMA
ALPZS120B	1	114	120	126	5	SMA
ALPZ130B	1	123.5	130	136.5	5	DO-41
ALPZ20-130B	2	123.5	130	136.5	5	DO-41
ALPZ30-130B	3	123.5	130	136.5	5	DO-41
ALPZGFM10130B-M	1	123.5	130	136.5	1.9	SOD-123
ALPZGFM20130B	2	123.5	130	136.5	3.8	SMB
ALPZGFM30130B	3	123.5	130	136.5	5.8	SMB
ALPZGFM5952B	1.5	123.5	130	136.5	2.9	SMA
ALPZS130B	1	123.5	130	136.5	5	SMA
ALPZ140B	1	133	140	147	5	DO-41
ALPZ20-140B	2	133	140	147	5	DO-41
ALPZ30-140B	3	133	140	147	5	DO-41
ALPZS140B	1	133	140	147	5	SMA
ALPZ150B	1	142.5	150	157.5	5	DO-41
ALPZ20-150B	2	142.5	150	157.5	5	DO-41
ALPZ30-150B	3	142.5	150	157.5	5	DO-41
ALPZGFM10150B-M	1	142.5	150	157.5	1.7	SOD-123
ALPZGFM20150B	2	142.5	150	157.5	3.3	SMB
ALPZGFM30150B	3	142.5	150	157.5	5	SMB
ALPZGFM5953B	1.5	142.5	150	157.5	2.5	SMA
ALPZS150B	1	142.5	150	157.5	5	SMA
ALPZ160B	1	152	160	168	5	DO-41
ALPZ20-160B	2	152	160	168	5	DO-41
ALPZ30-160B	3	152	160	168	5	DO-41
ALPZGFM10160B-M	1	152	160	168	1.6	SOD-123
ALPZGFM20160B	2	152	160	168	3.1	SMB
ALPZGFM30160B	3	152	160	168	4.7	SMB
ALPZGFM5954B	1.5	152	160	168	2.3	SMA
ALPZS160B	1	152	160	168	5	SMA
ALPZ170B	1	161.5	170	178.5	5	DO-41
ALPZ20-170B	2	161.5	170	178.5	5	DO-41
ALPZ30-170B	3	161.5	170	178.5	5	DO-41

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZS170B	1	161.5	170	178.5	5	SMA
ALPZ180B	1	171	180	189	5	DO-41
ALPZ20-180B	2	171	180	189	5	DO-41
ALPZ30-180B	3	171	180	189	5	DO-41
ALPZGFM10180B-M	1	171	180	189	1.4	SOD-123
ALPZGFM20180B	2	171	180	189	2.8	SMB
ALPZGFM30180B	3	171	180	189	4.2	SMB
ALPZGFM5955B	1.5	171	180	189	2.1	SMA
ALPZS180B	1	171	180	189	5	SMA
ALPZ190B	1	180.5	190	199.5	5	DO-41
ALPZ20-190B	2	180.5	190	199.5	5	DO-41
ALPZ30-190B	3	180.5	190	199.5	5	DO-41
ALPZS190B	1	180.5	190	199.5	5	SMA
ALPZ200B	1	190	200	210	5	DO-41
ALPZ20-200B	2	190	200	210	5	DO-41
ALPZ30-200B	3	190	200	210	5	DO-41
ALPZGFM10200B-M	1	190	200	210	1.2	SOD-123
ALPZGFM20200B	2	190	200	210	2.5	SMB
ALPZGFM30200B	3	190	200	210	3.7	SMB
ALPZGFM5956B	1.5	190	200	210	1.9	SMA
ALPZS200B	1	190	200	210	5	SMA
ALPZ20-210B	2	199.5	210	220.5	5	DO-41
ALPZ210B	1	199.5	210	220.5	5	DO-41
ALPZ30-210B	3	199.5	210	220.5	5	DO-41
ALPZS210B	1	199.5	210	220.5	5	SMA
ALPZ20-220B	2	209	220	231	5	DO-41
ALPZ220B	1	209	220	231	5	DO-41
ALPZ30-220B	3	209	220	231	5	DO-41
ALPZGFM10220B-M	1	209	220	231	1	SOD-123
ALPZS220B	1	209	220	231	5	SMA
ALPZ20-230B	2	218.5	230	241.5	5	DO-41
ALPZ230B	1	218.5	230	241.5	5	DO-41
ALPZ30-230B	3	218.5	230	241.5	5	DO-41
ALPZS230B	1	218.5	230	241.5	5	SMA
ALPZ20-240B	2	228	240	252	5	DO-41
ALPZ240B	1	228	240	252	5	DO-41
ALPZ30-240B	3	228	240	252	5	DO-41
ALPZGFM10240B-M	1	228	240	252	0.9	SOD-123
ALPZS240B	1	228	240	252	5	SMA
ALPZ20-250B	2	237.5	250	262.5	5	DO-41
ALPZ250B	1	237.5	250	262.5	5	DO-41
ALPZ30-250B	3	237.5	250	262.5	5	DO-41
ALPZGFM10250B-M	1	237.5	250	262.5	0.9	SOD-123
ALPZS250B	1	237.5	250	262.5	5	SMA
ALPZ20-260B	2	247	260	273	5	DO-41
ALPZ260B	1	247	260	273	5	DO-41

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPZ30-260B	3	247	260	273	5	DO-41
ALPZS260B	1	247	260	273	5	SMA
ALPZ20-270B	2	256.5	270	283.5	5	DO-41
ALPZ270B	1	256.5	270	283.5	5	DO-41
ALPZ30-270B	3	256.5	270	283.5	5	DO-41
ALPZGFM10270B-M	1	256.5	270	283.5	0.8	SOD-123
ALPZS270B	1	256.5	270	283.5	5	SMA
ALPZ20-280B	2	266	280	294	5	DO-41
ALPZ280B	1	266	280	294	5	DO-41
ALPZ30-280B	3	266	280	294	5	DO-41
ALPZS280B	1	266	280	294	5	SMA
ALPZ20-290B	2	275.5	290	304.5	5	DO-41
ALPZ290B	1	275.5	290	304.5	5	DO-41
ALPZ30-290B	3	275.5	290	304.5	5	DO-41
ALPZS290B	1	275.5	290	304.5	5	SMA
ALPZ20-300B	2	285	300	315	5	DO-41
ALPZ300B	1	285	300	315	5	DO-41
ALPZ30-300B	3	285	300	315	5	DO-41
ALPZGFM10300B-M	1	285	300	315	0.8	SOD-123
ALPZS300B	1	285	300	315	5	SMA
ALPZ20-310B	2	294.5	310	325.5	5	DO-41
ALPZ30-310B	3	294.5	310	325.5	5	DO-41
ALPZ310B	1	294.5	310	325.5	5	DO-41
ALPZS310B	1	294.5	310	325.5	5	SMA
ALPZ20-320B	2	304	320	336	5	DO-41
ALPZ30-320B	3	304	320	336	5	DO-41
ALPZ320B	1	304	320	336	5	DO-41
ALPZS320B	1	304	320	336	5	SMA
ALPZ20-330B	2	313.5	330	346.5	5	DO-41
ALPZ30-330B	3	313.5	330	346.5	5	DO-41
ALPZ330B	1	313.5	330	346.5	5	DO-41
ALPZGFM10330B-M	1	313.5	330	346.5	0.7	SOD-123
ALPZS330B	1	313.5	330	346.5	5	SMA
ALPRLZ10 (A)	0.5	9.12		9.59	20	Glass Mini Melf (SOD-80)
ALPRLZ10 (B)	0.5	9.41		9.9	20	Glass Mini Melf (SOD-80)
ALPRLZ10 (C)	0.5	9.7		10.2	20	Glass Mini Melf (SOD-80)
ALPRLZ10 (D)	0.5	9.94		10.44	20	Glass Mini Melf (SOD-80)
ALPRLZ11 (A)	0.5	10.18		10.71	10	Glass Mini Melf (SOD-80)
ALPRLZ11 (B)	0.5	10.5		11.05	10	Glass Mini Melf (SOD-80)
ALPRLZ11 (C)	0.5	10.82		11.38	10	Glass Mini Melf (SOD-80)
ALPRLZ12 (A)	0.5	11.13		11.71	10	Glass Mini Melf (SOD-80)
ALPRLZ12 (B)	0.5	11.44		12.03	10	Glass Mini Melf (SOD-80)
ALPRLZ12 (C)	0.5	11.74		12.35	10	Glass Mini Melf (SOD-80)
ALPRLZ13 (A)	0.5	12.11		12.75	10	Glass Mini Melf (SOD-80)
ALPRLZ13 (B)	0.5	12.55		13.21	10	Glass Mini Melf (SOD-80)
ALPRLZ13 (C)	0.5	12.99		13.66	10	Glass Mini Melf (SOD-80)

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPRLZ15 (A)	0.5	13.44		14.13	10	Glass Mini Melf (SOD-80)
ALPRLZ15 (B)	0.5	13.89		14.62	10	Glass Mini Melf (SOD-80)
ALPRLZ15 (C)	0.5	14.35		15.09	10	Glass Mini Melf (SOD-80)
ALPRLZ16 (A)	0.5	14.8		15.57	10	Glass Mini Melf (SOD-80)
ALPRLZ16 (B)	0.5	15.25		16.04	10	Glass Mini Melf (SOD-80)
ALPRLZ16 (C)	0.5	15.69		16.51	10	Glass Mini Melf (SOD-80)
ALPRLZ18 (A)	0.5	16.22		17.06	10	Glass Mini Melf (SOD-80)
ALPRLZ18 (B)	0.5	16.82		17.7	10	Glass Mini Melf (SOD-80)
ALPRLZ18 (C)	0.5	17.42		18.33	10	Glass Mini Melf (SOD-80)
ALPRLZ2.4 (A)	0.5	2.33		2.52	20	Glass Mini Melf (SOD-80)
ALPRLZ2.4 (B)	0.5	2.43		2.63	20	Glass Mini Melf (SOD-80)
ALPRLZ2.7 (A)	0.5	2.54		2.75	20	Glass Mini Melf (SOD-80)
ALPRLZ2.7 (B)	0.5	2.69		2.91	20	Glass Mini Melf (SOD-80)
ALPRLZ20 (A)	0.5	18.2		18.96	10	Glass Mini Melf (SOD-80)
ALPRLZ20 (B)	0.5	18.63		19.59	10	Glass Mini Melf (SOD-80)
ALPRLZ20 (C)	0.5	19.23		20.22	10	Glass Mini Melf (SOD-80)
ALPRLZ20 (D)	0.5	19.72		20.72	10	Glass Mini Melf (SOD-80)
ALPRLZ22 (A)	0.5	20.15		21.2	5	Glass Mini Melf (SOD-80)
ALPRLZ22 (B)	0.5	20.64		21.71	5	Glass Mini Melf (SOD-80)
ALPRLZ22 (C)	0.5	21.08		22.17	5	Glass Mini Melf (SOD-80)
ALPRLZ22 (D)	0.5	21.52		22.63	5	Glass Mini Melf (SOD-80)
ALPRLZ24 (A)	0.5	22.05		23.18	5	Glass Mini Melf (SOD-80)
ALPRLZ24 (B)	0.5	22.61		23.77	5	Glass Mini Melf (SOD-80)
ALPRLZ24 (C)	0.5	23.12		24.13	5	Glass Mini Melf (SOD-80)
ALPRLZ24 (D)	0.5	23.63		24.85	5	Glass Mini Melf (SOD-80)
ALPRLZ27 (A)	0.5	24.26		25.52	5	Glass Mini Melf (SOD-80)
ALPRLZ27 (B)	0.5	24.97		26.26	5	Glass Mini Melf (SOD-80)
ALPRLZ27 (C)	0.5	25.63		26.95	5	Glass Mini Melf (SOD-80)
ALPRLZ27 (D)	0.5	26.29		27.64	5	Glass Mini Melf (SOD-80)
ALPRLZ3.0 (A)	0.5	2.85		3.07	20	Glass Mini Melf (SOD-80)
ALPRLZ3.0 (B)	0.5	3.01		3.22	20	Glass Mini Melf (SOD-80)
ALPRLZ3.3 (A)	0.5	3.16		3.38	20	Glass Mini Melf (SOD-80)
ALPRLZ3.3 (B)	0.5	3.32		3.53	20	Glass Mini Melf (SOD-80)
ALPRLZ3.6 (A)	0.5	3.46		3.69	20	Glass Mini Melf (SOD-80)
ALPRLZ3.6 (B)	0.5	3.6		3.84	20	Glass Mini Melf (SOD-80)
ALPRLZ3.9 (A)	0.5	3.74		4.01	20	Glass Mini Melf (SOD-80)
ALPRLZ3.9 (B)	0.5	3.89		4.16	20	Glass Mini Melf (SOD-80)
ALPRLZ30 (A)	0.5	26.99		28.39	5	Glass Mini Melf (SOD-80)
ALPRLZ30 (B)	0.5	27.7		29.13	5	Glass Mini Melf (SOD-80)
ALPRLZ30 (C)	0.5	28.36		29.82	5	Glass Mini Melf (SOD-80)
ALPRLZ30 (D)	0.5	29.02		30.51	5	Glass Mini Melf (SOD-80)
ALPRLZ33 (A)	0.5	29.68		31.22	5	Glass Mini Melf (SOD-80)
ALPRLZ33 (B)	0.5	30.32		31.88	5	Glass Mini Melf (SOD-80)
ALPRLZ33 (C)	0.5	30.9		32.5	5	Glass Mini Melf (SOD-80)
ALPRLZ33 (D)	0.5	31.49		33.11	5	Glass Mini Melf (SOD-80)
ALPRLZ36 (A)	0.5	32.14		33.79	5	Glass Mini Melf (SOD-80)

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPRLZ36 (B)	0.5	32.79		34.49	5	Glass Mini Melf (SOD-80)
ALPRLZ36 (C)	0.5	33.4		35.13	5	Glass Mini Melf (SOD-80)
ALPRLZ36 (D)	0.5	34.01		35.77	5	Glass Mini Melf (SOD-80)
ALPRLZ39 (A)	0.5	34.68		36.47	5	Glass Mini Melf (SOD-80)
ALPRLZ39 (B)	0.5	35.36		37.19	5	Glass Mini Melf (SOD-80)
ALPRLZ39 (C)	0.5	36		37.85	5	Glass Mini Melf (SOD-80)
ALPRLZ39 (D)	0.5	36.63		38.52	5	Glass Mini Melf (SOD-80)
ALPRLZ4.3 (A)	0.5	4.04		4.29	20	Glass Mini Melf (SOD-80)
ALPRLZ4.3 (B)	0.5	4.17		4.43	20	Glass Mini Melf (SOD-80)
ALPRLZ4.3 (C)	0.5	4.3		4.57	20	Glass Mini Melf (SOD-80)
ALPRLZ4.7 (A)	0.5	4.44		4.68	20	Glass Mini Melf (SOD-80)
ALPRLZ4.7 (B)	0.5	4.55		4.8	20	Glass Mini Melf (SOD-80)
ALPRLZ4.7 (C)	0.5	4.68		4.93	20	Glass Mini Melf (SOD-80)
ALPRLZ5.1 (A)	0.5	4.81		5.07	20	Glass Mini Melf (SOD-80)
ALPRLZ5.1 (B)	0.5	4.94		5.2	20	Glass Mini Melf (SOD-80)
ALPRLZ5.1 (C)	0.5	5.09		5.37	20	Glass Mini Melf (SOD-80)
ALPRLZ5.6 (A)	0.5	5.28		5.55	20	Glass Mini Melf (SOD-80)
ALPRLZ5.6 (B)	0.5	5.45		5.73	20	Glass Mini Melf (SOD-80)
ALPRLZ5.6 (C)	0.5	5.61		5.91	20	Glass Mini Melf (SOD-80)
ALPRLZ6.2 (A)	0.5	5.78		6.09	20	Glass Mini Melf (SOD-80)
ALPRLZ6.2 (B)	0.5	5.96		6.27	20	Glass Mini Melf (SOD-80)
ALPRLZ6.2 (C)	0.5	6.12		6.44	20	Glass Mini Melf (SOD-80)
ALPRLZ6.8 (A)	0.5	6.29		6.63	20	Glass Mini Melf (SOD-80)
ALPRLZ6.8 (B)	0.5	6.49		6.83	20	Glass Mini Melf (SOD-80)
ALPRLZ6.8 (C)	0.5	6.66		7.01	20	Glass Mini Melf (SOD-80)
ALPRLZ7.5 (A)	0.5	6.85		7.22	20	Glass Mini Melf (SOD-80)
ALPRLZ7.5 (B)	0.5	7.07		7.45	20	Glass Mini Melf (SOD-80)
ALPRLZ7.5 (C)	0.5	7.29		7.67	20	Glass Mini Melf (SOD-80)
ALPRLZ8.2 (A)	0.5	7.53		7.92	20	Glass Mini Melf (SOD-80)
ALPRLZ8.2 (B)	0.5	7.78		8.19	20	Glass Mini Melf (SOD-80)
ALPRLZ8.2 (C)	0.5	8.03		8.45	20	Glass Mini Melf (SOD-80)
ALPRLZ9.1 (A)	0.5	8.29		8.73	20	Glass Mini Melf (SOD-80)
ALPRLZ9.1 (B)	0.5	8.57		9.01	20	Glass Mini Melf (SOD-80)
ALPRLZ9.1 (C)	0.5	8.83		9.3	20	Glass Mini Melf (SOD-80)
ALPRLZJ10 (A)	0.5	9.12		9.59	5	Glass Mini Melf (SOD-80)
ALPRLZJ10 (B)	0.5	9.41		9.9	5	Glass Mini Melf (SOD-80)
ALPRLZJ10 (C)	0.5	9.7		10.2	5	Glass Mini Melf (SOD-80)
ALPRLZJ10 (D)	0.5	9.94		10.44	5	Glass Mini Melf (SOD-80)
ALPRLZJ11 (A)	0.5	10.18		10.71	5	Glass Mini Melf (SOD-80)
ALPRLZJ11 (B)	0.5	10.5		11.05	5	Glass Mini Melf (SOD-80)
ALPRLZJ11 (C)	0.5	10.82		11.38	5	Glass Mini Melf (SOD-80)
ALPRLZJ12 (A)	0.5	11.13		11.71	5	Glass Mini Melf (SOD-80)
ALPRLZJ12 (B)	0.5	11.44		12.03	5	Glass Mini Melf (SOD-80)
ALPRLZJ12 (C)	0.5	11.74		12.35	5	Glass Mini Melf (SOD-80)
ALPRLZJ13 (A)	0.5	12.11		12.75	5	Glass Mini Melf (SOD-80)
ALPRLZJ13 (B)	0.5	12.55		13.21	5	Glass Mini Melf (SOD-80)

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPRLZJ13 (C)	0.5	12.99		13.66	5	Glass Mini Melf (SOD-80)
ALPRLZJ15 (A)	0.5	13.44		14.13	5	Glass Mini Melf (SOD-80)
ALPRLZJ15 (B)	0.5	13.89		14.62	5	Glass Mini Melf (SOD-80)
ALPRLZJ15 (C)	0.5	14.35		15.09	5	Glass Mini Melf (SOD-80)
ALPRLZJ16 (A)	0.5	14.8		15.57	5	Glass Mini Melf (SOD-80)
ALPRLZJ16 (B)	0.5	12.25		16.04	5	Glass Mini Melf (SOD-80)
ALPRLZJ16 (C)	0.5	15.69		16.51	5	Glass Mini Melf (SOD-80)
ALPRLZJ18 (A)	0.5	16.22		17.06	5	Glass Mini Melf (SOD-80)
ALPRLZJ18 (B)	0.5	16.82		17.7	5	Glass Mini Melf (SOD-80)
ALPRLZJ18 (C)	0.5	17.42		18.33	5	Glass Mini Melf (SOD-80)
ALPRLZJ2.4 (A)	0.5	2.33		2.52	5	Glass Mini Melf (SOD-80)
ALPRLZJ2.4 (B)	0.5	2.43		2.63	5	Glass Mini Melf (SOD-80)
ALPRLZJ2.7 (A)	0.5	2.54		2.75	5	Glass Mini Melf (SOD-80)
ALPRLZJ2.7 (B)	0.5	2.69		2.91	5	Glass Mini Melf (SOD-80)
ALPRLZJ20 (A)	0.5	18.2		18.96	5	Glass Mini Melf (SOD-80)
ALPRLZJ20 (B)	0.5	18.63		19.59	5	Glass Mini Melf (SOD-80)
ALPRLZJ20 (C)	0.5	19.23		20.22	5	Glass Mini Melf (SOD-80)
ALPRLZJ20 (D)	0.5	19.72		20.72	5	Glass Mini Melf (SOD-80)
ALPRLZJ22 (A)	0.5	20.15		21.2	5	Glass Mini Melf (SOD-80)
ALPRLZJ22 (B)	0.5	20.64		21.71	5	Glass Mini Melf (SOD-80)
ALPRLZJ22 (C)	0.5	21.08		22.17	5	Glass Mini Melf (SOD-80)
ALPRLZJ22 (D)	0.5	21.52		22.63	5	Glass Mini Melf (SOD-80)
ALPRLZJ24 (A)	0.5	22.05		23.18	5	Glass Mini Melf (SOD-80)
ALPRLZJ24 (B)	0.5	22.61		23.77	5	Glass Mini Melf (SOD-80)
ALPRLZJ24 (C)	0.5	23.12		24.13	5	Glass Mini Melf (SOD-80)
ALPRLZJ24 (D)	0.5	23.63		24.85	5	Glass Mini Melf (SOD-80)
ALPRLZJ27 (A)	0.5	24.26		25.52	5	Glass Mini Melf (SOD-80)
ALPRLZJ27 (B)	0.5	24.97		26.26	5	Glass Mini Melf (SOD-80)
ALPRLZJ27 (C)	0.5	25.63		26.95	5	Glass Mini Melf (SOD-80)
ALPRLZJ27 (D)	0.5	26.29		27.64	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.0 (A)	0.5	2.85		3.07	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.0 (B)	0.5	3.01		3.22	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.3 (A)	0.5	3.16		3.38	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.3 (B)	0.5	3.32		3.53	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.6 (A)	0.5	3.46		3.69	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.6 (B)	0.5	3.6		3.84	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.9 (A)	0.5	3.74		4.01	5	Glass Mini Melf (SOD-80)
ALPRLZJ3.9 (B)	0.5	3.89		4.16	5	Glass Mini Melf (SOD-80)
ALPRLZJ30 (A)	0.5	26.99		28.39	5	Glass Mini Melf (SOD-80)
ALPRLZJ30 (B)	0.5	27.7		29.13	5	Glass Mini Melf (SOD-80)
ALPRLZJ30 (C)	0.5	28.36		29.82	5	Glass Mini Melf (SOD-80)
ALPRLZJ30 (D)	0.5	29.02		30.51	5	Glass Mini Melf (SOD-80)
ALPRLZJ33 (A)	0.5	29.68		31.22	5	Glass Mini Melf (SOD-80)
ALPRLZJ33 (B)	0.5	30.32		31.88	5	Glass Mini Melf (SOD-80)
ALPRLZJ33 (C)	0.5	30.9		32.5	5	Glass Mini Melf (SOD-80)
ALPRLZJ33 (D)	0.5	31.49		33.11	5	Glass Mini Melf (SOD-80)

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPRLZJ36 (A)	0.5	32.14		33.79	5	Glass Mini Melf (SOD-80)
ALPRLZJ36 (B)	0.5	32.79		34.49	5	Glass Mini Melf (SOD-80)
ALPRLZJ36 (C)	0.5	33.4		35.13	5	Glass Mini Melf (SOD-80)
ALPRLZJ36 (D)	0.5	34.01		35.77	5	Glass Mini Melf (SOD-80)
ALPRLZJ39 (A)	0.5	34.68		36.47	5	Glass Mini Melf (SOD-80)
ALPRLZJ39 (B)	0.5	35.36		37.19	5	Glass Mini Melf (SOD-80)
ALPRLZJ39 (C)	0.5	36		37.85	5	Glass Mini Melf (SOD-80)
ALPRLZJ39 (D)	0.5	36.36		38.52	5	Glass Mini Melf (SOD-80)
ALPRLZJ4.3 (A)	0.5	4.04		4.29	5	Glass Mini Melf (SOD-80)
ALPRLZJ4.3 (B)	0.5	4.17		4.43	5	Glass Mini Melf (SOD-80)
ALPRLZJ4.3 (C)	0.5	4.3		4.57	5	Glass Mini Melf (SOD-80)
ALPRLZJ4.7 (A)	0.5	4.44		4.68	5	Glass Mini Melf (SOD-80)
ALPRLZJ4.7 (B)	0.5	4.55		4.8	5	Glass Mini Melf (SOD-80)
ALPRLZJ4.7 (C)	0.5	4.68		4.93	5	Glass Mini Melf (SOD-80)
ALPRLZJ5.1 (A)	0.5	4.81		5.07	5	Glass Mini Melf (SOD-80)
ALPRLZJ5.1 (B)	0.5	4.94		5.2	5	Glass Mini Melf (SOD-80)
ALPRLZJ5.1 (C)	0.5	5.09		5.37	5	Glass Mini Melf (SOD-80)
ALPRLZJ5.6 (A)	0.5	5.28		5.55	5	Glass Mini Melf (SOD-80)
ALPRLZJ5.6 (B)	0.5	5.45		5.73	5	Glass Mini Melf (SOD-80)
ALPRLZJ5.6 (C)	0.5	5.61		5.91	5	Glass Mini Melf (SOD-80)
ALPRLZJ6.2 (A)	0.5	5.78		6.09	5	Glass Mini Melf (SOD-80)
ALPRLZJ6.2 (B)	0.5	5.96		6.27	5	Glass Mini Melf (SOD-80)
ALPRLZJ6.2 (C)	0.5	6.12		6.44	5	Glass Mini Melf (SOD-80)
ALPRLZJ6.8 (A)	0.5	6.29		6.63	5	Glass Mini Melf (SOD-80)
ALPRLZJ6.8 (B)	0.5	6.49		6.83	5	Glass Mini Melf (SOD-80)
ALPRLZJ6.8 (C)	0.5	6.66		7.01	5	Glass Mini Melf (SOD-80)
ALPRLZJ7.5 (A)	0.5	6.85		7.22	5	Glass Mini Melf (SOD-80)
ALPRLZJ7.5 (B)	0.5	7.07		7.45	5	Glass Mini Melf (SOD-80)
ALPRLZJ7.5 (C)	0.5	7.29		7.67	5	Glass Mini Melf (SOD-80)
ALPRLZJ8.2 (A)	0.5	7.53		7.92	5	Glass Mini Melf (SOD-80)
ALPRLZJ8.2 (B)	0.5	7.78		8.19	5	Glass Mini Melf (SOD-80)
ALPRLZJ8.2 (C)	0.5	8.03		8.45	5	Glass Mini Melf (SOD-80)
ALPRLZJ9.1 (A)	0.5	8.29		8.73	5	Glass Mini Melf (SOD-80)
ALPRLZJ9.1 (B)	0.5	8.57		9.01	5	Glass Mini Melf (SOD-80)
ALPRLZJ9.1 (C)	0.5	8.83		9.3	5	Glass Mini Melf (SOD-80)
ALPUDZ10B	0.2	9.77		10.21	5	SOD-323F
ALPUDZ10B-FL	0.2	9.77		10.21	5	SOD-323FL
ALPUDZ11B	0.2	10.76		11.22	5	SOD-323F
ALPUDZ11B-FL	0.2	10.76		11.22	5	SOD-323FL
ALPUDZ12B	0.2	11.74		12.24	5	SOD-323F
ALPUDZ12B-FL	0.2	11.74		12.24	5	SOD-323FL
ALPUDZ13B	0.2	12.91		13.49	5	SOD-323F
ALPUDZ13B-FL	0.2	12.91		13.49	5	SOD-323FL
ALPUDZ15B	0.2	14.34		14.98	5	SOD-323F
ALPUDZ15B-FL	0.2	14.34		14.98	5	SOD-323FL
ALPUDZ16B	0.2	15.85		16.51	5	SOD-323F

Alpinesemi™ Part Number	P _D (W)	V _{Z_MIN} (V)	V _{Z_NOM} (V)	V _{Z_MAX} (V)	I _Z (mA)	Package
ALPUDZ16B-FL	0.2	15.85		16.51	5	SOD-323FL
ALPUDZ18B	0.2	17.56		18.35	5	SOD-323F
ALPUDZ18B-FL	0.2	17.56		18.35	5	SOD-323FL
ALPUDZ2.4B	0.2	2.43		2.63	5	SOD-323F
ALPUDZ2.4B-FL	0.2	2.43		2.63	5	SOD-323FL
ALPUDZ2.7B	0.2	2.69		2.91	5	SOD-323F
ALPUDZ2.7B-FL	0.2	2.69		2.91	5	SOD-323FL
ALPUDZ20B	0.2	19.52		20.39	5	SOD-323F
ALPUDZ20B-FL	0.2	19.52		20.39	5	SOD-323FL
ALPUDZ22B	0.2	21.54		22.47	5	SOD-323F
ALPUDZ22B-FL	0.2	21.54		22.47	5	SOD-323FL
ALPUDZ24B	0.2	23.72		24.78	5	SOD-323F
ALPUDZ24B-FL	0.2	23.72		24.78	5	SOD-323FL
ALPUDZ27B	0.2	26.19		27.53	5	SOD-323F
ALPUDZ27B-FL	0.2	26.19		27.53	5	SOD-323FL
ALPUDZ3.0B	0.2	3.01		3.22	5	SOD-323F
ALPUDZ3.0B-FL	0.2	3.01		3.22	5	SOD-323FL
ALPUDZ3.3B	0.2	3.32		3.53	5	SOD-323F
ALPUDZ3.3B-FL	0.2	3.32		3.53	5	SOD-323FL
ALPUDZ3.6B	0.2	3.6		3.84	5	SOD-323F
ALPUDZ3.6B-FL	0.2	3.6		3.85	5	SOD-323FL
ALPUDZ3.9B	0.2	3.89		4.16	5	SOD-323F
ALPUDZ3.9B-FL	0.2	3.89		4.16	5	SOD-323FL
ALPUDZ30B	0.2	29.19		30.69	5	SOD-323F
ALPUDZ30B-FL	0.2	29.19		30.69	5	SOD-323FL
ALPUDZ33B	0.2	32.15		33.79	5	SOD-323F
ALPUDZ33B-FL	0.2	32.15		33.79	5	SOD-323FL
ALPUDZ36B	0.2	35.07		36.87	5	SOD-323F
ALPUDZ36B-FL	0.2	35.07		36.87	5	SOD-323FL
ALPUDZ4.3B	0.2	4.17		4.43	5	SOD-323F
ALPUDZ4.3B-FL	0.2	4.17		4.43	5	SOD-323FL
ALPUDZ4.7B	0.2	4.55		4.75	5	SOD-323F
ALPUDZ4.7B-FL	0.2	4.55		4.75	5	SOD-323FL
ALPUDZ5.1B	0.2	4.98		5.2	5	SOD-323F
ALPUDZ5.1B-FL	0.2	4.98		5.2	5	SOD-323FL
ALPUDZ5.6B	0.2	5.49		5.73	5	SOD-323F
ALPUDZ5.6B-FL	0.2	5.49		5.73	5	SOD-323FL
ALPUDZ6.2B	0.2	6.06		6.33	5	SOD-323F
ALPUDZ6.2B-FL	0.2	6.06		6.33	5	SOD-323FL
ALPUDZ6.8B	0.2	6.65		6.93	5	SOD-323F
ALPUDZ6.8B-FL	0.2	6.65		6.93	5	SOD-323FL
ALPUDZ7.5B	0.2	7.28		7.6	5	SOD-323F
ALPUDZ7.5B-FL	0.2	7.28		7.6	5	SOD-323FL
ALPUDZ8.2B	0.2	8.02		8.36	5	SOD-323F
ALPUDZ8.2B-FL	0.2	8.02		8.36	5	SOD-323FL
ALPUDZ9.1B	0.2	8.85		9.23	5	SOD-323F
ALPUDZ9.1B-FL	0.2	8.85		9.23	5	SOD-323FL

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2. In Europe, please dispose as per EU Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).



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