

	0603	SOD-523	SOD-323F	Power SOD-323	~SOD-106	SOD-123F	
<b>Diodes</b>	(0201 mil) 				MicroMelf 		<b>Diodes</b>
<b>ESD</b>	ESD0521Z, ESD0541Z 1)	BAS216WT	1N4148WS, 1SS5004WS BAV19WS ... BAV21WS	SRL1B ... SRL1M <b>Standard/Superfast</b>	MCL4148 MCL4448	CL05M6F <b>CLD</b>	<b>Small Signal</b>
<b>1608</b>			BAS316WS BAT54WS	URL1B ... URL1M SDB13HS SDB14HS SDB160WS	MCL101B ... MCL101C MCL103B ... MCL103C	SD101AW ... SD101BW SD103AW ... SD103BW BAT46W	<b>Schottky</b>
<b>ESD</b>	ESDBL24DP 1) 1) <b>bidirectional</b>	ESD5Z3V3 ... ESD5Z12	ESD3Z5V0 ... ESD3Z12 ESD3B5V0WS...24WS <sup>1)</sup>		ZMC2.4 ... ZMCZ75	BZT52C2V4 ... BZT52CZ75 MMSZ5227B ... MMSZ5262B MM1Z4689 ... MM1Z4717 MM1Z4728 ... MM1Z4756	<b>Zener</b>

	SOT-23				SOT-323				SOT-363				
<b>Diodes</b>													<b>Diodes/Transistors</b>
<b>Small Signal</b>	BAS16	BAW56	BAV70	BAV99 BAV199	BAS16W	BAV99W	BAV70W	BAW56W	BAS16DW	BAV70DW	MMBD4448SDW	BAV756DW	<b>Small Signal</b>
<b>Schottky</b>	BAS19...21	BAS35		BAS31									<b>Small Signal</b>
<b>Zener</b>	BZx84C2V4 BZx84C47	2BZx84C3 ... 2BZx84C47			BZx84C2V4W ... BZx84C47W				BC846S		BC856S		<b>Bipolar</b>
<b>ESD</b>	ESD3V3CA...ESD36CA								BC847S	BC847PN	BC857S		<b>Bipolar</b>
<b>Adj. Ref.</b>	<b>Shunt Regulator Adjustable Voltage Reference</b>											2x N MMBT7002DW	<b>MOS</b>

	SOT-23		SOT-26	SOT-323	TO-92		
<b>Transistors</b>							<b>Transistors</b>
<b>Bipolar</b>	<b>NPN</b>	<b>PNP</b>	<b>NPN/PNP</b>	<b>PNP</b>	<b>NPN</b>	<b>PNP</b>	<b>Bipolar</b>
	BC817-16...BC818-40 BC846A...BC850C MMBTA 06/42/44 MMBT 2222A/3904 MMBT 4401/5551	BC807-16...BC808-40 BC856A...BC860C MMBTA 56/92/94 MMBT 2907A/3906 MMBT 4403/5401	BC817BPN <b>SOT-883 (DFN-1006)</b>  max 0.05	BC856AW...BC859CW <b>NPN</b> BC846AW...BC849CW	BC337-16...BC338-40* BC546A...BC549C* MPSA 06/42/44* 2N 2222A/3904 2N 4401/5551	BC327-16...BC328-40* BC556A...BC559C* MPSA 56/92* 2N 2907A/3906 2N 4403/5401	<b>Bipolar</b>
	BC817K-16...BC817K-40 MMBTRC 101...106SS MMBTRC 110...114SS MMBTRC 116...121SS	MMBTRA 221...226SS <b>MMBTR = Digital Transistors</b>	<b>NPN</b> BC846BP...BC848BP		* Version "BK" (bulk packed) on request Version "BK" (als Schüttgut) auf Anfrage 		<b>Bipolar</b>
<b>MOS</b>	<b>N channel</b> MMFTN 20/123/138/170 MMBT7002K	<b>P channel</b> MMFTP84		<b>N channel</b> MMFTN3018W	<b>N channel</b> 2N7000		<b>MOS</b>

	Ø 2.5 x 6.5	Ø D x L	Ø 7.3 x 22	Ø 55 x 23	Ø 49 x 258	
<b>High Voltage Rectifier</b>						<b>High Voltage Rect.</b>

	I <sub>FAV</sub>	5 mA	20 mA	5 mA	20 mA		0.5 A	1 A	1.8 ... 6 A	4 A	I <sub>FAV</sub>
<b>V<sub>RRM</sub></b>	<b>3000</b>		DD300						SI-A1125/500-6 (6 A)		<b>3200 V<sub>RRM</sub></b>
	<b>4000</b>					<b>Fast</b>		BY4	SI-A1750/775-4 (4 A)		<b>4800</b>
<b>Superfast Recovery</b>	<b>6000</b>		DD600					BY6			<b>6000</b>
	<b>8000</b>	2CL71A		2CL71 (D=3 L=8)	DD1000		<b>0.45 A</b>	BY8	SI-A3000/1350-2.5 (2.5 A)		<b>8000</b>
	<b>10000</b>										<b>10000</b>
	<b>12000</b>				DD1200		BY4512F	BY12			<b>12000</b>
	<b>14000</b>				DD1400						<b>14000</b>
	<b>16000</b>				DD1600		BY16				<b>16000</b>
	<b>18000</b>				DD1800		<b>Std.</b>				<b>18000</b>
<b>[V]</b>	<b>24000</b>								SI-A8000/3600-1.8 (1.8 A)	SI-E8000/3600-4 (4 A)	<b>24000 [V]</b>

	DO-213AA	DO-214AC	DO-214AA	SOD-80C	DO-35	
<b>Current Limiting Diodes</b>	Plastic MiniMelf 	SMA 	SMB 	Glass MiniMelf 		<b>Current Limiting Diodes</b>
<b>CLD</b>	<b>1 W</b>	<b>1 W</b>	<b>1 W</b>	<b>1 W</b>	<b>1 W</b>	<b>CLD</b>
<b>I<sub>Pnom</sub></b>	<b>15</b>		CL15M35	CL15M45		<b>CLD</b>
	<b>20</b>		CL10MD	CL20M35		<b>CLD</b>
	<b>25</b>		CL15MD			<b>CLD</b>
	<b>30</b>		CL20MD			<b>CLD</b>
<b>[mA]</b>	<b>40</b>		CL30MD	CL40M35	CL40M45	<b>CLD</b>

	Press-fit			Press-fit	Press-fit	Press-fit	Button	
<b>Power Rectifier</b>								<b>Power Rectifier</b>
<b>I<sub>FAV</sub></b>	<b>25 A</b>	<b>35 A</b>	<b>50/60 A</b>	<b>25 A</b>	<b>35 A</b>	<b>25 A</b>	<b>35 A</b>	<b>I<sub>FAV</sub></b>
<b>V<sub>RRM</sub></b>	<b>100</b>	BYP25x1	BYP35x1	BYP60x1	KYW25x1	KYW35x1	KYZ25x1	KYZ35x1
<b>Stand.</b>	<b>200</b>	BYP25x2	BYP35x2	BYP60x2	KYW25x2	KYW35x2	KYZ25x2	KYZ35x2
	<b>400</b>	BYP25x4	BYP35x4	BYP60x4	KYW25x4	KYW35x4	KYZ25x4	KYZ35x4
<b>[V]</b>	<b>600</b>	BYP25x6	BYP35x6	BYP60x6	KYW25x6	KYW35x6	KYZ25x6	KYZ35x6
<b>V<sub>BR</sub></b>	<b>19.8 ... 24.2</b>		BYZ35x22	BYZ50x22				
<b>TVS</b>	<b>24.3 ... 29.7</b>		BYZ35x33	BYZ50x33				
	<b>35.1 ... 42.9</b>		BYZ35x39	BYZ50x39				
<b>[V]</b>	<b>42.3 ... 51.7</b>		BYZ35x47	BYZ50x47				

Some products are also available as **AEC-Q101** qualified parts(suffix -AQ).  
For further information please contact automotive@diotec.com