

		SOD-123FL	DO-214AC	DO-214AA	DO-214AB	DO-41	DO-15	~ DO-201	Ø 5.4 x 7.5	Ø 8 x 7.5		
SMD Diodes & Rectifier											Axial Diodes & Rectifier	
	I_{FAV}	1 A	1 / 3 A	2 / 3 / 5 A	3 / 8 A	1 A	1.5 A	3 A		6 A	10 A	I_{FAV}
Standard Recovery	V_{RRM} 400	SL1G-AQ	S1G-AQ	S2G-AQ	S3G-AQ	1N4001-AQ						50 V_{RRM}
	600	SL1J-AQ	S1J-AQ	S2J-AQ S3JSMB-AQ	S3J-AQ					P600B-AQ		100
	1000	SL1M-AQ	S1M-AQ	S2M-AQ	S3M-AQ		1N5393-AQ					200
Superfast Efficient	600		ES1J-AQ	US2M-AQ	ES3M-AQ*	1N4004-AQ						400
	1000		US1M-AQ ER1M-AQ			1N4005-AQ				P600J-AQ	P1000J-AQ*	600
Schottky Barrier	40	SKL14-AQ	SK14-AQ SK34SMA-3G-AQ	SK54-3G-AQ	SK84-3G-AQ*	1N4007-AQ				P600M-AQ	P1000M-AQ*	1000
	60			SK36SMB-AQ SK56-AQ	SK86-AQ*							1300
	[V] 100	SKL110-AQ	SK110-AQ SK115-AQ	SK210-AQ		EM513-AQ		BY255-AQ				1600 [V]
	P_{tot}		1 W		3 W							
Zener	V_Z 11-100		Z1SMA11...100-AQ			* parts in process of qualification						
	[V] ... 200				Z3SMC6.8...200-AQ							
	P_{PPM}		400 W	600 W	1500 W				1500 W			P_{PPM}
TVS	V_{BR} 5.0 ...		P4SMAJ5.0(A)...550(A)-AQ	P6SMBJ5.0(A)...550(A)-AQ	1.5SMCJ5.0(A)...550(A)-AQ				1.5KE6.8(A)...200(A)-AQ			... 200 V_{BR}
	... 550		P4SMAJ5.0C(A)...550(CA)-AQ	P6SMBJ5.0C(A)...550(CA)-AQ	1.5SMCJ5.0C(A)...550(CA)-AQ				1.5KE220(A)...440(A)-AQ*			... 440
	5.0 ...				3000 5000 W				1.5KE6.8C(A)...200(CA)-AQ			... 200
	[V] ... 170				3.0/5.0SMCJ5.0(A)...170(A)-AQ				1.5KE220C(A)...440(CA)-AQ*			... 550 [V]
Diodes & Transistors											Current Limiting Diodes	
	I_{FAV}	125 / 200 / 215 mA	200 mA	150 mA	150/200/250 mA	250 mA	350 mA	1 W	1 W	1 W	P_{tot}	
Small Signal		BAS16-AQ		BAS16DW-AQ	1N4148WS-AQ				CL15M35-AQ*	CL15M45-AQ*	15 I_{Pnom}	
		BAV99-AQ			BAV21WS-AQ			CL10MD-AQ*	CL20M35-AQ*	CL20M45-AQ*	20	
Schottky		BAS21-AQ BAS31-AQ			BAS316WS-AQ	BAS216WT-AQ*		CL15MD-AQ*			25	
		BAS40-AQ	BAT54W-AQ*				SD103AW-AQ	CL20MD-AQ*			30	
		BAV70-AQ						CL30MD-AQ*	CL40M35-AQ*	CL40M45-AQ*	40 [mA]	
	P_{tot}	300 mW			300 mW		500 mW					
Zener		BZX84C2V4...47-AQ			MM3Z2B7...47B-AQ		MMSZ5227B...62B-AQ	* parts in process of qualification				
						BZT52C3...C47-AQ						
ESD					350 W							
					ESD3Z12-AQ							
Bipolar Transistors	NPN	BC846A...BC850C-AQ	BC856A...BC860C-AQ	BC846BW-AQ	BC857BW-AQ	BC847S-AQ*	BC8457BDW-AQ*	-AQ parts are qualified according to AEC-Q101 and are produced at fixed production sites; a PPAP is available on request. Usage is not limited to Automotive industry, but possible for any other application requiring a special qualification according to AEC-Q101. Parts are intended to be used in comfort and non-critical safety systems, where malfunction does not directly affect human life or health. For safety-critical systems, please contact technicalsupport@diotec.com to apply for product release.				
		BC846B-AQ	BC858C-AQ									
		BC817-40-AQ	BC807-40-AQ									
		MMBTRC103SS-AQ*	MMBTRA105SS-AQ*									
Shunt Regulator		MMTL431A-AQ*	MMTL431AR-AQ*					-Q parts are not shown here but can be found on the Diotec website.				
								Please further refer to our Disclaimer: https://diotec.com/en/all-products.html				