

		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 / 1.5 / 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					P1000A-AQ*	50 V_{RRM}	
	600	SL1J-AQ	S1J-AQ	BYG10J-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	Standard Recovery
	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							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)...170(A)-AQ		P6SMBJ5.0(A)...550(A)-AQ		1.5SMCJ5.0(A)...170(A)-AQ					1.5KE6.8(A)...200(A)-AQ			... 200 V_{BR}	TVS
	... 550		P4SMAJ5.0C(A)...170(CA)-AQ		P6SMBJ5.0C(A)...550(CA)-AQ		1.5SMCJ5.0C(A)...170(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 5.0 SMCJ5.0(A)...170(A)-AQ					1.5KE220C(A)...440(CA)-AQ*			... 440 [V]	

		SOT-23	SOT-323		SOT-363		SOD-323F		SOD-523	SOD-123F	DO-213AA	DO-214AC	DO-214AA				
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*		20	
		BAS21-AQ	BAS31-AQ					BAS316WS-AQ		BAS216WT-AQ*		CL15MD-AQ*				25	
Schottky		BAS40-AQ		BAT54W-AQ*							SD103AW-AQ	CL20MD-AQ*				30	
		BAV70-AQ										CL30MD-AQ*		CL40M35-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	
		2BZX84C2V4...47-AQ									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*		<p>-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.</p> <p>-Q parts are not shown here but can be found on the Diotec website.</p> <p>Please further refer to our Disclaimer: https://diotec.com/en/all-products.html</p>			
		BC846B-AQ		BC858C-AQ													
		BC817-40-AQ		BC807-40-AQ													
		MMBTRC103SS-AQ*		MMBTRA105SS-AQ*		Digital Transistors											
Shunt Regulator		MMTL431A-AQ*		MMTL431AR-AQ*													

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