

		DO-35		DO-41		DO-15			~ DO-201			Ø 5.4 x 7.5		Ø 8 x 7.5			Ø 8 x 7.5																												
		Glass		Plastic		Plastic			Plastic			Plastic		Plastic			Plastic																												
		I <sub>FAV</sub>		1 A		1 A			1.5 A			2 A		3 A			5 A			4/5/8 A			8/12 A			5/6/10/15 A			12 / 20 A			25 A			15 / 20 A			20 / 25 A			30 A			I <sub>FAV</sub>	
Standard Recovery	V <sub>RRM</sub> 50			1N4001		BYW27-50		1N5391			1N5400K			1N5400					BY550-50		BY880-50		P600A			P1000A			P2000A			P2500A			PX1500A			P2000ATL			50 V <sub>RRM</sub>				
	100			1N4002		BYW27-100		1N5392			1N5401K			1N5401					BY550-100		BY880-100		P600B			P1000B			P2000B			P2500B			PX1500B			P2000BTL			100				
	200			1N4003	BY135	BYW27-200		1N5393			1N5059			1N5402K			1N5402		BY251			BY550-200		BY880-200		P600D			P1000D			P2000D			P2500D			PX1500D			P2000DTL			200	
	400			1N4004	(150 V)	BYW27-400		1N5395			1N5060			1N5404K			1N5404		BY252			BY550-400		BY880-400		P600G			P1000G			P2000G			P2500G			PX1500G			P2000GTL			400	
	600			1N4005	BY134	BYW27-600		1N5397			1N5061			1N5406K			1N5406		BY253			BY550-600		BY880-600		P600J			P1000J			P2000J			P2500J			PX1500J			P2000JTL			600	
	800			1N4006		BYW27-800		1N5398			1N5062			1N5407K			1N5407		BY254			BY550-800		BY880-800		P600K			P1000K			P2000K			P2500K			PX1500K			P2000KTL			800	
	1000			1N4007		BYW27-1000		1N5399			1N5408K			1N5408					BY550-1000		BY880-1000		P600M			P1000M			P2000M			P2500M			PX1500M			P2000MTL			1000				
	1300			1N4007-13	BY133											BY255					P600S			P1000S						P2500T <sup>1)</sup>						1300									
	1600			EM513												BY1600					(1200 V)			(1200 V)			P2500W <sup>1)</sup>						1600												
1800			EM516												BY1800					P600U						P2500X <sup>1)</sup>						1800													
[V] 2000			EM518												BY2000					(1400 V)						P2500Y <sup>1)</sup>						2000 [V]													
Fast Recovery	V <sub>RRM</sub> 50			1N4933												BY500-50					MR820												50 V <sub>RRM</sub>												
	100			1N4934		0.5 A								BY296		BY396					BY500-100					MR821									100										
	200			1N4935		HV1.5 (1500V)								BY297		BY397					BY500-200					MR822									200										
	400			1N4936	BA157	HV2 (2000V)								BY298		BY398					BY500-400					MR824									400										
	600			1N4937	BA158	0.2 A		0.2 A										BY500-600					MR826												600										
	800					HV3 (3000V)		HV5 (5000V)						BY299		BY399		RGP30K					BY500-800					MR828									800								
[V] 1000					BA159		HV6 (6000V)										RGP30M					BY500-1000														1000 [V]									
Ultrafast Recov.	V <sub>RRM</sub> 50	1N4150	BAV19	UF4001		FE1A		FE2A						UF5400		FE3A							UF600A			FE6A		F1200A						FX2000A			50 V <sub>RRM</sub>								
	100	1N4151 (75V)	BAV20 (150V)	UF4002		FE1B		FE2B						UF5401		FE3B							UF600B			FE6B		F1200B						FX2000B			100								
	200	1N4148 (100V)	BAV21	UF4003	MUR120	FE1D		FE2D						UF5402		FE3D		MUR420					UF600D			FE6D		F1200D						FX2000D			200								
	400	1N4448 (100V)		UF4004	MUR140	FE1G		FE2G						UF5404		FE3G		MUR440					UF600G			FE6F		F1200G						FX2000G			400								
	600			UF4005	MUR160									UF5406				MUR460					UF600J			(300V)											600								
	800			UF4006										UF5407									UF600K			FE6G											800								
	[V] 1000			UF4007										UF5408									UF600M			(400V)											1000 [V]								
Schottky Barrier	V <sub>RRM</sub> 20			SB120S		SB120		1N5817			SB220			SB320		1N5820		SB520			SB820		SB1220														20 V <sub>RRM</sub>								
	30			SB130S		SB130		1N5818			SB230			SB330		1N5821		SB530			SB830		SB1230														30								
	40			SB140S		SB140		1N5819			SB240			SB340		1N5822		SB540			SB840		SB1240		SB1540-3G			-3G = 3 <sup>rd</sup> Generation Schottky Diodes: reduced leakage!			SBX2040-3G			SBX2540-3G			SBX3040-3G			40					
	50			SB150S		SB150		(1 A)			SB250			SB350		SB550			SB850		SB1250																50								
	60			SB160S		SB160					SB260			SB360		SB560			SB860		SB1260		15SQ045-3G			20SQ045-G			SBX2045-3G									45							
	90			SB190S		SB190					SB290			SB390		SB590			SB890		SB1290								SBX2050			SBX2550						50							
	100			SB1100S		SB1100					SB2100			SB3100		SB5100			SB8100		SB12100																								
	[V] 150													SB3H150								SB12H40				High Temperature Schottky												40 [V]							
Zener	P <sub>tot</sub>	500 mW		1.3 W		2 W			3 W			5 W																								P <sub>tot</sub>									
	V <sub>z</sub> 1 .. 5.6	ZPD2.7 ... ZPD5.6		ZPY1, ZPY5.6		ZY1, ZY5.6			3EZ1																											1 .. 5.6 V <sub>z</sub>									
	... 10	ZPD6.2 ... ZPD10		ZPY6.2 ... ZPY10		ZY6.2 ... ZY10			3EZ6.2 ... 3EZ10			1N5345B ... 1N5347B																								... 10									
... 200	ZPD11 ... ZPD75		ZPY11 ... ZPY200		ZY11 ... ZY200			3EZ11 ... 3EZ200			1N5348B ... 1N5388B																								... 200										
[V]																																			[V]										
TVS	P <sub>PPM</sub>			400 W			600 W			400 W			1500 W		5000 W			750 W		750 W						P <sub>PPM</sub>																			
	V <sub>BR</sub> ... 10			BZW04-5V8...8V5 / P4KE6.8(A)...10(A)			BZW06-5V8...8V5 / P6KE6.8(A)...10(A)			Protectifiers®			1.5KE6.8(A)...10(A)		5KP6.5(A)...8.5(A)			Protectifiers®		Protectifiers®						... 10 V <sub>BR</sub>																			
	... 200	uni-directional		BZW04-9V4...171 / P4KE11(A)...200(A)			BZW06-9V4...171 / P6KE11(A)...200(A)			F5K120			1.5KE11(A)...200(A)		5KP9.0(A)...110(A)			F10K120		FX20K120						... 200																			
	... 440			BZW04-188...376 / P4KE220(A)...440(A)			BZW06-188...376 / P6KE220(A)...440(A)			(5A / 120V)			1.5KE220(A)...440(A)					(12A / 120V)		(20A / 120V)						... 440																			
	[V] ... 520			BZW04-188B...376B / P4KE220C(A)...440C(A)			BZW06-188B...376B / P6KE220C(A)...520C(A)			1.5KE220C(A)...440C(A)																			... 550 [V]																
Nomenclature for TVS diodes: No suffix – ±10% tolerance of V <sub>BR</sub>   Suffix "A" – ±5% tolerance of V <sub>BR</sub>   Bidirectional version – suffix "B" or "C"																																													