

Power Bridges

PACKAGE	POWER BRIDGES WITH FASTON CONNECTORS					POWER BRIDGES WITH WIRE LEADS					PACKAGE
	10A	15A	25A	35A	50A	10A	15A	25A	35A	50A	
VOLTAGE (V)	OUTLINE										VOLTAGE (V)
CURRENT	IFSM = 200A VF = 1.1V	IFSM = 300A VF = 1.1V	IFSM = 300A VF = 1.1V	IFSM = 400A VF = 1.1V	IFSM = 500A VF = 1.1V	IFSM = 200A VF = 1.1V	IFSM = 300A VF = 1.1V	IFSM = 300A VF = 1.1V	IFSM = 400A VF = 1.1V	IFSM = 500A VF = 1.1V	CURRENT
50V	FB1000	FB1500	FB2500	FB3500	FB5000	FB1000L	FB1500L	FB2500L	FB3500L	FB5000L	50V
100V	FB1001	FB1501	FB2501	FB3501	FB5001	FB1001L	FB1501L	FB2501L	FB3501L	FB5001L	100V
200V	FB1002	FB1502	FB2502	FB3502	FB5002	FB1002L	FB1502L	FB2502L	FB3502L	FB5002L	200V
400V	FB1004	FB1504	FB2504	FB3504	FB5004	FB1004L	FB1504L	FB2504L	FB3504L	FB5004L	400V
600V	FB1006	FB1506	FB2506	FB3506	FB5006	FB1006L	FB1506L	FB2506L	FB3506L	FB5006L	600V
800V	FB1008	FB1508	FB2508	FB3508	FB5008	FB1008L	FB1508L	FB2508L	FB3508L	FB5008L	800V
1000V	FB1010	FB1510	FB2510	FB3510	FB5010	FB1010L	FB1510L	FB2510L	FB3510L	FB5010L	1000V

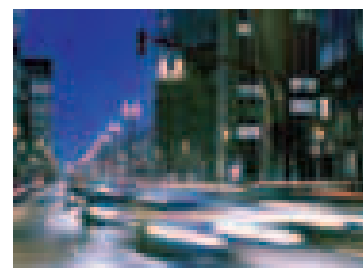
Low Current Bridges

PACKAGE	MES	DIL	PACKAGE
	OUTLINE		
CURRENT	0.8A IFSM = 30A, VF = 1.15V	1.0A R load / 0.8A C load IFSM = 50A, VF = 1.1V	CURRENT
200V		DF02M	200V
400V		DF04M	400V
600V	1SMZG06GP	DF06M	600V
800V		DF08M	800V
1000V	1SMZG10GP	DF10M	1000V

Round Bridges

PACKAGE	ROUND BRIDGE with 30mm leads					ROUND BRIDGE with 4mm leads					PACKAGE
	0.8A	1.0A	1.5A	2.0A	3.0A	0.8A	1.0A	1.5A	2.0A	3.0A	
VOLTAGE (V)	OUTLINE										VOLTAGE (V)
CURRENT	IFSM = 30A VF = 1.0V	IFSM = 30A VF = 1.2V	IFSM = 40A VF = 1.0V	IFSM = 30A VF = 1.0V	IFSM = 40A VF = 1.5V	IFSM = 30A VF = 1.0V	IFSM = 30A VF = 1.2V	IFSM = 40A VF = 1.0V	IFSM = 30A VF = 1.0V	IFSM = 40A VF = 1.5V	CURRENT
50V	B40C800	WL05F	B40C1000	W005F	B40C1500R	B40C800-A	WL05F-A	B40C1000-A	W005F-A	B40C1500R-A	50V
100V	B40C800	WL01F	B40C1000	W01F	B40C1500R	B40C800-A	WL01F-A	B40C1000-A	W01F-A	B40C1500R-A	100V
200V	B80C800	WL02F	B80C1000	W02F	B80C1500R	B80C800-A	WL02F-A	B80C1000-A	W02F-A	B80C1500R-A	200V
300V	B125C800	WL04F	B125C1000	W04F	B125C1500R	B125C800-A	WL04F-A	B125C1000-A	W04F-A	B125C1500R-A	300V
400V	B250C800	WL06F	B250C1000	W06F	B250C1500R	B250C800-A	WL06F-A	B250C1000-A	W06F-A	B250C1500R-A	400V
600V	B380C800	WL08F	B380C1000	W08F	B380C1500R	B380C800-A	WL08F-A	B380C1000-A	W08F-A	B380C1500R-A	600V
800V											800V
900V											900V
1000V											1000V

PACKAGE	ROUND BRIDGE with 3mm leads					PACKAGE
	0.8A	1.0A	1.5A	2.0A	3.0A	
VOLTAGE (V)	OUTLINE					VOLTAGE (V)
CURRENT	IFSM = 30A VF = 1.0V	IFSM = 30A VF = 1.2V	IFSM = 40A VF = 1.0V	IFSM = 30A VF = 1.0V	IFSM = 40A VF = 1.5V	CURRENT
50V	B40C800-B	WL05F-B	B40C1000-B	W005F-B	B40C1500R-B	50V
100V	B40C800-B	WL01F-B	B40C1000-B	W01F-B	B40C1500R-B	100V
200V	B80C800-B	WL02F-B	B80C1000-B	W02F-B	B80C1500R-B	200V
300V	B125C800-B	WL04F-B	B125C1000-B	W04F-B	B125C1500R-B	300V
400V	B250C800-B	WL06F-B	B250C1000-B	W06F-B	B250C1500R-B	400V
600V	B380C800-B	WL08F-B	B380C1000-B	W08F-B	B380C1500R-B	600V
800V						800V
900V						900V
1000V						1000V



September 2005



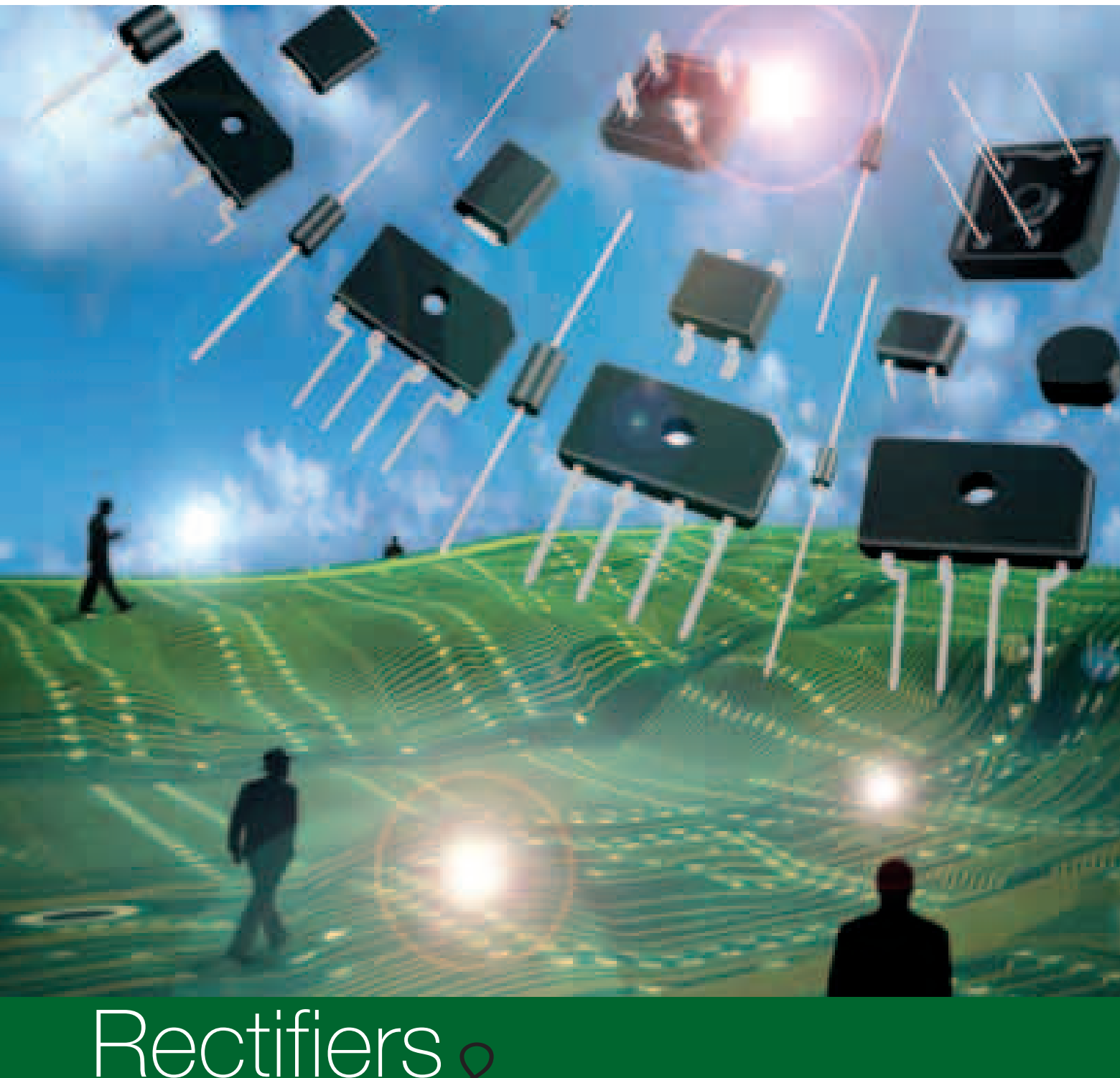
Recognized worldwide for technological expertise, on-time deliveries, customer-driven service and total quality culture, Fagor Electrónica is ready to become your preferred supplier through our performance and commitment.



Fagor Electrónica, S. Coop.
San Andrés s/n.
E-20500 Mondragón - SPAIN
Tel: +34 943 71 25 26
Fax: +34 943 71 28 96
E-mail: sc.sales@fagorelectronica.es
www.fagorelectronica.com



FAGOR
Fagor Electrónica



Rectifiers & Bridges

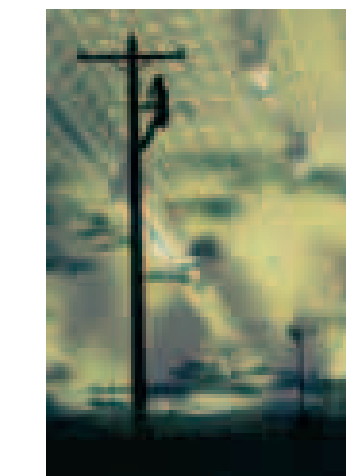


FAGOR
Fagor Electrónica

YOUR DEDICATED SPECIALIST
MANUFACTURING DISCRETE SEMICONDUCTORS

In-line Bridges

PACKAGE	SMALL IN-LINE PACKAGE WITH 4mm LEAD PITCH			SMALL IN-LINE PACKAGE WITH 5mm LEAD PITCH			MEDIUM IN-LINE PACKAGE			PACKAGE	
	1.5A	2.0A	2.5A	1.5A	2.0A	3.7A	5.0A	6.0A	15.0A		
VOLTAGE (V)	OUTLINE									VOLTAGE (V)	
CURRENT	IFSM = 50A VF = 1.0V	IFSM = 60A VF = 1.0V	IFSM = 100A VF = 1.0V	IFSM = 50A VF = 1.1V	IFSM = 100A VF = 1.1V	IFSM = 150A VF = 1.1V	IFSM = 250A VF = 1.1V	IFSM = 400A VF = 1.1V	IFSM = 170A VF = 1.05V	IFSM = 200A VF = 1.1V	CURRENT
50V	FB1.5A-4S1	FB2.0A-4S1	FB2.5A-4S1	FB1.5B-5S2	FB2.0B-5S2	FB3.7A-5S2	FB5.0A-5S2	FB6.0A-5S2	FB15.0A-5S2	FB20.0A-5S2	50V
100V	FB1.5B-4S1	FB2.0B-4S1	FB2.5B-4S1	FB1.5B-5S2	FB2.0B-5S2	FB3.7B-5S2	FB5.0B-5S2	FB6.0B-5S2	FB15.0B-5S2	FB20.0B-5S2	100V
200V	FB1.5D-4S1	FB2.0D-4S1	FB2.5D-4S1	FB1.5F-5S2	FB2.0F-5S2	FB3.7F-5S2	FB5.0F-5S2	FB6.0F-5S2	FB15.0F-5S2	FB20.0F-5S2	200V
300V	FB1.5G-4S1	FB2.0G-4S1	FB2.5G-4S1	FB1.5F-5S2	FB2.0F-5S2	FB3.7F-5S2	FB5.0F-5S2	FB6.0F-5S2	FB15.0F-5S2	FB20.0F-5S2	300V
400V	FB1.5H-4S1	FB2.0H-4S1	FB2.5H-4S1	FB1.5J-5S2	FB2.0J-5S2	FB3.7J-5S2	FB5.0J-5S2	FB6.0J-5S2	FB15.0J-5S2	FB20.0J-5S2	400V
600V	FB1.5I-4S1	FB2.0I-4S1	FB2.5I-4S1	FB1.5K-5S2	FB2.0K-5S2	FB3.7K-5S2	FB5.0K-5S2	FB6.0K-5S2	FB15.0K-5S2	FB20.0K-5S2	600V
800V	FB1.5L-4S1	FB2.0L-4S1	FB2.5L-4S1	FB1.5M-5S2	FB2.0M-5S2	FB3.7M-5S2	FB5.0M-5S2	FB6.0M-5S2	FB15.0M-5S2	FB20.0M-5S2	800V
900V	FB1.5N-4S1	FB2.0N-4S1	FB2.5N-4S1	FB1.5M-5S2	FB2.0M-5S2	FB3.7M-5S2	FB5.0M-5S2	FB6.0M-5S2	FB15.0M-5S2	FB20.0M-5S2	900V
1000V	FB1.5O-4S1	FB2.0O-4S1	FB2.5O-4S1	FB1.5M-5S2	FB2.0M-5S2	FB3.7M-5S2	FB5.0M-5S2	FB6.0M-5S2	FB15.0M-5S2	FB20.0M-5S2	1000V



Axial Devices



DOE TYPE VOLTAGE (V)	DO-41				DO-15				DO-201 AD				DO-201 AE				P-6		DOE TYPE VOLTAGE (V)									
	CURRENT				CURRENT				CURRENT				CURRENT				CURRENT											
0.5A	IFSM = 30A VF = 1.1V				IFSM = 30A VF = 1.1V				IFSM = 50A VF = 1.0V				IFSM = 80A VF = 1.1V				IFSM = 400A VF = 1.1V		STANDARD RECOVERY RECTIFIERS									
50V	GP10A				BYW27-50				GP15A				GP30A		P600A		STANDARD RECOVERY RECTIFIERS											
100V	GP10B				BYW27-100				GP15B		GP30B		P600B		STANDARD RECOVERY RECTIFIERS													
200V	GP10D				BYW27-200				GP15D		GP30D		P600D			STANDARD RECOVERY RECTIFIERS												
300V	GP10G				BYW27-300				GP15G		GP30G		P600G					STANDARD RECOVERY RECTIFIERS										
400V	GP10J				BYW27-400				GP15J		GP30J		P600J							STANDARD RECOVERY RECTIFIERS								
500V	GP10K				BYW27-500				GP15K		GP30K		P600K								STANDARD RECOVERY RECTIFIERS							
600V	GP10M				BYW27-600				GP15M		GP30M		P600M									STANDARD RECOVERY RECTIFIERS						
800V	GP10N				BYW27-800				GP15N		GP30N		P600N										STANDARD RECOVERY RECTIFIERS					
1000V	GP10P				BYW27-1000				GP15P		GP30P		P600P											STANDARD RECOVERY RECTIFIERS				
1200V																									STANDARD RECOVERY RECTIFIERS			
1300V																										STANDARD RECOVERY RECTIFIERS		
1500V																											STANDARD RECOVERY RECTIFIERS	
IFSM = 20A VF = 1.2V tr = 300ns	IFSM = 20A VF = 1.2V tr = 300ns				IFSM = 20A VF = 1.2V tr = 300ns				IFSM = 20A VF = 1.2V tr = 300ns				IFSM = 20A VF = 1.2V tr = 300ns															FAST RECOVERY RECTIFIERS
50V	MR850GP				MR850GP				MR850GP				MR850GP															
100V	MR854GP				MR854GP				MR854GP				MR854GP						FAST RECOVERY RECTIFIERS									
200V	MR858GP				MR858GP				MR858GP				MR858GP				FAST RECOVERY RECTIFIERS											
400V	MR862GP				MR862GP				MR862GP				MR862GP		FAST RECOVERY RECTIFIERS													
600V	MR866GP				MR866GP				MR866GP				MR866GP			FAST RECOVERY RECTIFIERS												
800V	MR870GP				MR870GP				MR870GP				MR870GP					FAST RECOVERY RECTIFIERS										
1000V	MR874GP				MR874GP				MR874GP				MR874GP							FAST RECOVERY RECTIFIERS								
1200V	MR878GP				MR878GP				MR878GP				MR878GP								FAST RECOVERY RECTIFIERS							
1400V	MR882GP				MR882GP				MR882GP				MR882GP									FAST RECOVERY RECTIFIERS						
1600V	MR886GP				MR886GP				MR886GP				MR886GP										FAST RECOVERY RECTIFIERS					
1800V	MR890GP				MR890GP				MR890GP				MR890GP											FAST RECOVERY RECTIFIERS				
2000V	MR894GP				MR894GP				MR894GP				MR894GP												FAST RECOVERY RECTIFIERS			
IFSM = 30A VF = 1.1V tr = 150ns	IFSM = 30A VF = 1.1V tr = 150ns				IFSM = 30A VF = 1.1V tr = 150ns				IFSM = 30A VF = 1.1V tr = 150ns				IFSM = 30A VF = 1.1V tr = 150ns													ULTRAFAST RECOVERY RECTIFIERS		
50V	FUF4001				EGP10A				EGP20A				EGP50A														ULTRAFAST RECOVERY RECTIFIERS	
100V	FUF4002				EGP10B				EGP20B				EGP50B															ULTRAFAST RECOVERY RECTIFIERS
200V	FUF4003				EGP10D				EGP20D				EGP50D															
300V	FUF4004				EGP10F				EGP20F				EGP50F						ULTRAFAST RECOVERY RECTIFIERS									
400V	FUF4005				EGP10J				EGP20J				EGP50J				ULTRAFAST RECOVERY RECTIFIERS											
600V	FUF4006				EGP10K				EGP20K				EGP50K		ULTRAFAST RECOVERY RECTIFIERS													
800V	FUF4007				EGP10M				EGP20M				EGP50M			ULTRAFAST RECOVERY RECTIFIERS												
1000V	FUF4008				EGP10N				EGP20N				EGP50N					ULTRAFAST RECOVERY RECTIFIERS										
IFSM = 40A VF = 1.1V tr = 75ns	IFSM = 40A VF = 1.1V tr = 75ns				IFSM = 40A VF = 1.1V tr = 75ns				IFSM = 40A VF = 1.1V tr = 75ns				IFSM = 40A VF = 1.1V tr = 75ns							SCHOTTKY BARRIER RECTIFIERS								
20V	SB120				1N5817				SB320				SB620								SCHOTTKY BARRIER RECTIFIERS							
30V	SB130				1N5818				SB330				SB630									SCHOTTKY BARRIER RECTIFIERS						
40V	SB140				1N5819				SB340				SB640										SCHOTTKY BARRIER RECTIFIERS					
50V	SB150				1N5820				SB350				SB650											SCHOTTKY BARRIER RECTIFIERS				
60V	SB160				1N5821				SB360				SB660												SCHOTTKY BARRIER RECTIFIERS			
POWER	1.3W				1.5W				2.0W				5.0W													SCHOTTKY BARRIER RECTIFIERS		
ZENER	BZV60C20P				BZV60C20P				BZV60C20P				BZV60C20P														SCHOTTKY BARRIER RECTIFIERS	
POWER	400W				600W				1500W				5000W															SCHOTTKY BARRIER RECTIFIERS
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-508				BZV49-508				1N6273				1.5KE68V															
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-509				BZV49-509				1N6274				1.5KE69V						SCHOTTKY BARRIER RECTIFIERS									
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-510				BZV49-510				1N6275				1.5KE70V				SCHOTTKY BARRIER RECTIFIERS											
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-511				BZV49-511				1N6276				1.5KE71V		SCHOTTKY BARRIER RECTIFIERS													
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-512				BZV49-512				1N6277				1.5KE72V			SCHOTTKY BARRIER RECTIFIERS												
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-513				BZV49-513				1N6278				1.5KE73V					SCHOTTKY BARRIER RECTIFIERS										
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-514				BZV49-514				1N6279				1.5KE74V							SCHOTTKY BARRIER RECTIFIERS								
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-515				BZV49-515				1N6280				1.5KE75V								SCHOTTKY BARRIER RECTIFIERS							
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-516				BZV49-516				1N6281				1.5KE76V									SCHOTTKY BARRIER RECTIFIERS						
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-517				BZV49-517				1N6282				1.5KE77V										SCHOTTKY BARRIER RECTIFIERS					
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-518				BZV49-518				1N6283				1.5KE78V											SCHOTTKY BARRIER RECTIFIERS				
UNIDIRECTIONAL TVS (5% TOLERANCE)	BZV49-519				BZV49-519				1N6284				1.5KE79V												SCHOTTKY BARRIER RECTIFIERS			

Surface Mount Devices

DOE TYPE VOLTAGE (V)	SMA (DO214AC)			SMB (DO214AA)			SMC (DO214AB)			DOE TYPE VOLTAGE (V)													
	CURRENT			CURRENT			CURRENT																
1.0A	IFSM = 30A, VF = 1.1V			IFSM = 60A, VF = 1.1V			IFSM = 100A, VF = 1.2V			STANDARD RECOVERY RECTIFIERS													
50V	FRS1A			FRS2A			FRS3A				STANDARD RECOVERY RECTIFIERS												
100V	FRS1B			FRS2B			FRS3B					STANDARD RECOVERY RECTIFIERS											
200V	FRS1D			FRS2D			FRS3D						STANDARD RECOVERY RECTIFIERS										
300V	FRS1G			FRS2G			FRS3G							STANDARD RECOVERY RECTIFIERS									
400V	FRS1J			FRS2J			FRS3J								STANDARD RECOVERY RECTIFIERS								
500V	FRS1K			FRS2K			FRS3K									STANDARD RECOVERY RECTIFIERS							
600V	FRS1M			FRS2M			FRS3M										STANDARD RECOVERY RECTIFIERS						
800V	FRS1Q			FRS2Q			FRS3Q											STANDARD RECOVERY RECTIFIERS					
1000V	FRS1R			FRS2R			FRS3R												STANDARD RECOVERY RECTIFIERS				
1200V	FRS1S			FRS2S			FRS3S													STANDARD RECOVERY RECTIFIERS			
1300V	FRS1T			FRS2T			FRS3T														STANDARD RECOVERY RECTIFIERS		
1500V	FRS1U			FRS2U			FRS3U															STANDARD RECOVERY RECTIFIERS	
IFSM = 20A VF = 1.3V tr = 150ns	IFSM = 20A VF = 1.3V tr = 150ns			IFSM = 20A VF = 1.3V tr = 150ns			IFSM = 20A VF = 1.3V tr = 150ns																FAST RECOVERY RECTIFIERS
50V	FRS1A			FRS2A			FRS3A																
100V	FRS1B			FRS2B			FRS3B			FAST RECOVERY RECTIFIERS													
200V	FRS1D			FRS2D			FRS3D				FAST RECOVERY RECTIFIERS												
300V	FRS1G			FRS2G			FRS3G					FAST RECOVERY RECTIFIERS											
400V	FRS1J			FRS2J			FRS3J						FAST RECOVERY RECTIFIERS										
500V	FRS1K			FRS2K			FRS3K							FAST RECOVERY RECTIFIERS									
600V	FRS1M			FRS2M			FRS3M								FAST RECOVERY RECTIFIERS								
800V	FRS1Q			FRS2Q			FRS3Q									FAST RECOVERY RECTIFIERS							
1000V	FRS1R			FRS2R			FRS3R										FAST RECOVERY RECTIFIERS						
IFSM = 30A VF = 1.1V tr = 75ns	IFSM = 30A VF = 1.1V tr = 75ns			IFSM = 30A VF = 1.1V tr = 75ns			IFSM = 30A VF = 1.1V tr = 75ns											ULTRAFAST RECOVERY RECTIFIERS					
50V	FUES1A			FUES2A			FUES3A												ULTRAFAST RECOVERY RECTIFIERS				
100V	FUES1B			FUES2B			FUES3B													ULTRAFAST RECOVERY RECTIFIERS			
200V	FUES1D			FUES2D			FUES3D														ULTRAFAST RECOVERY RECTIFIERS		
300V	FUES1G			FUES2G			FUES3G															ULTRAFAST RECOVERY RECTIFIERS	
400V	FUES1J			FUES2J			FUES3J																ULTRAFAST RECOVERY RECTIFIERS
500V	FUES1K			FUES2K			FUES3K																
600V	FUES1M			FUES2M			FUES3M			ULTRAFAST RECOVERY RECTIFIERS													
800V	FUES1Q			FUES2Q			FUES3Q				ULTRAFAST RECOVERY RECTIFIERS												
1000V	FUES1R			FUES2R			FUES3R					ULTRAFAST RECOVERY RECTIFIERS											
IFSM = 40A VF = 1.1V tr = 75ns	IFSM = 40A VF = 1.1V tr = 75ns			IFSM = 40A VF = 1.1V tr = 75ns			IFSM = 40A VF = 1.1V tr = 75ns						SCHOTTKY BARRIER RECTIFIERS										
20V	FSS12			FSS22			FSS32							SCHOTTKY BARRIER RECTIFIERS									
30V	FSS13			FSS23			FSS33								SCHOTTKY BARRIER RECTIFIERS								
40V	FSS14			FSS24			FSS34									SCHOTTKY BARRIER RECTIFIERS							
50V	FSS15			FSS25			FSS35										SCHOTTKY BARRIER RECTIFIERS						
60V	FSS16			FSS26			FSS36											SCHOTTKY BARRIER RECTIFIERS					
POWER	1.3W			2.0W			1500W												SCHOTTKY BARRIER RECTIFIERS				
ZENER	BZV60C20P			BZV60C20P			BZV60C20P													SCHOTTKY BARRIER RECTIFIERS			
POWER	400W			600W			1500W														SCHOTTKY BARRIER RECTIFIERS		
UNIDIRECTIONAL TVS (5% TOLERANCE)	P400W			P600W			P1500W															SCHOTTKY BARRIER RECTIFIERS	
UNIDIRECTIONAL TVS (5% TOLERANCE)	P600W			P1500W			P5000W																SCHOTTKY BARRIER RECTIFIERS
UNIDIRECTIONAL TVS (5% TOLERANCE)	P1500W			P5000W			P15000W																
UNIDIRECTIONAL TVS (5% TOLERANCE)	P5000W			P15000W			P50000W			SCHOTTKY BARRIER RECTIFIERS													
UNIDIRECTIONAL TVS (5% TOLERANCE)	P15000W			P50000W			P150000W				SCHOTTKY BARRIER RECTIFIERS												
UNIDIRECTIONAL TVS (5% TOLERANCE)	P50000W			P150000W			P500000W					SCHOTTKY BARRIER RECTIFIERS											
UNIDIRECTIONAL TVS (5% TOLERANCE)	P150000W			P500000W			P1500000W						SCHOTTKY BARRIER RECTIFIERS										
UNIDIRECTIONAL TVS (5% TOLERANCE)	P500000W			P1500000W			P5000000W							SCHOTTKY BARRIER RECTIFIERS									
UNIDIRECTIONAL TVS (5% TOLERANCE)	P1500000W			P5000000W			P15000000W								SCHOTTKY BARRIER RECTIFIERS								
UNIDIRECTIONAL TVS (5% TOLERANCE)	P5000000W			P15000000W			P50000000W									SCHOTTKY BARRIER RECTIFIERS							

