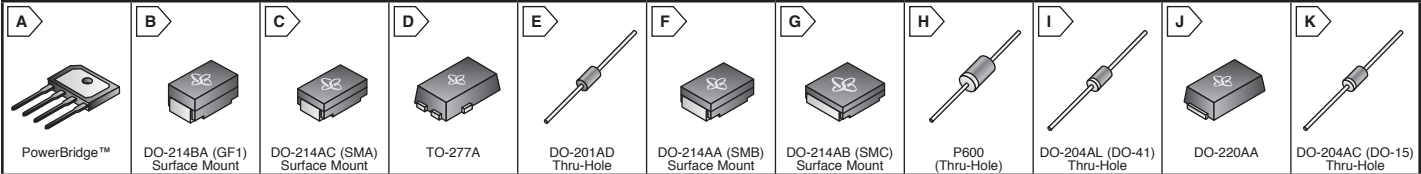


# VISHAY Rectifiers

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Diodes & Rectifiers

Vishay General Semiconductor



## ENHANCED POWER BRIDGE

MOUSER STOCK NO.	Vishay Part No.	Fig.	I <sub>F</sub> (AV)	PRV (V)	IFM Surge (A)	Price Each			
						1	100	500	1000
625-PB3006-E3/45	PB3006-E3/45	A	30.0A	600	240	3.18	2.33	1.87	1.58
625-PB3008-E3/45	PB3008-E3/45	A	30.0A	800	240	3.18	2.33	1.87	1.58
625-PB3010-E3/45	PB3010-E3/45	A	30.0A	1KV	240	3.18	2.33	1.87	1.58
625-PB3506-E3	PB3506-E3/45	A	35.0A	600	350	3.08	2.25	1.81	1.53
625-PB3508-E3/45	PB3508-E3/45	A	35.0A	800	350	3.08	2.25	1.81	1.53
625-PB3510-E3/45	PB3510-E3/45	A	35.0A	1KV	350	3.08	2.25	1.81	1.53
625-PB4006-E3	PB4006-E3/45	A	40.0A	600	400	3.30	2.41	1.94	1.64
625-PB4008-E3/45	PB4008-E3/45	A	40.0A	800	400	3.30	2.41	1.94	1.64
625-PB4010-E3/45	PB4010-E3/45	A	40.0A	1KV	400	3.30	2.41	1.94	1.64
625-PB5006-E3	PB5006-E3/45	A	50.0A	600	450	3.78	2.76	2.22	1.88
625-PB5008-E3/45	PB5008-E3/45	A	50.0A	800	450	3.78	2.76	2.22	1.88
625-PB5010-E3/45	PB5010-E3/45	A	50.0A	1KV	450	3.78	2.76	2.22	1.88

## FAST RECOVERY (CONT.)

MOUSER STOCK NO.	Vishay Part No.	Fig.	I <sub>F</sub> (AV)	PRV (V)	IFM Surge (A)	Price Each			
						1	10	100	100
625-AU1PK-M3/84A	AU1PK-M3/84A	J	1.0A	800	25	.54	.357	.221	
625-RS2D-E3	RS2D-E3/52T	E	1.5A	200	50	.44	.257	.15	
625-RS2J-E3	RS2J-E3/52T	E	1.5A	400	50	.44	.257	.15	
625-RS2G-E3	RS2G-E3/52T	E	1.5A	600	50	.47	.276	.16	
625-RS2K-E3	RS2K-E3/52T	E	1.5A	800	50	.43	.323	.24	
625-AU2PD-M3/86A	AU2PD-M3/86A	D	2.0A	200	30	.75	.589	.447	
625-RS3B-E3	RS3B-E3/57T	F	3.0A	100	100	.56	.371	.231	
625-RS3D-E3	RS3D-E3/57T	F	3.0A	200	100	.56	.371	.231	
625-RS3G-E3	RS3G-E3/57T	F	3.0A	400	100	.56	.371	.231	
625-RS3J-E3	RS3J-E3/57T	F	3.0A	600	100	.56	.371	.231	
625-RS3K-E3	RS3K-E3/57T	F	3.0A	800	100	.68	.508	.378	
625-AR3PD-M3/86A	AR3PD-M3/86A	D	3.0A	200	50	.76	.598	.454	
625-AR3PG-M3/86A	AR3PG-M3/86A	D	3.0A	400	50	.76	.598	.454	
625-AU3PG-M3/86A	AU3PG-M3/86A	D	3.0A	400	45	.94	.756	.581	
625-AR3PK-M3/86A	AR3PK-M3/86A	D	3.0A	800	50	.83	.651	.494	
625-AR4PD-M3/86A	AR4PD-M3/86A	D	4.0A	200	65	.90	.728	.559	

## STANDARD SILICON

MOUSER STOCK NO.	Vishay Part No.	Fig.	I <sub>F</sub> (AV)	PRV (V)	IFM Surge (A)	Price Each			
						1	100	500	1000
625-GF1A-E3	GF1A-E3/17A	B	1.0A	50	30	.42	.234		
625-S1A-E3	S1A-E3/61T	C	1.0A	50	30	.29	.097		
625-GF1B-E3	GF1B-E3/67A	B	1.0A	100	30	.42	.234		
625-S1B-E3	S1B-E3/61T	C	1.0A	100	30	.29	.097		
625-GF1D-E3	GF1D-E3/67A	B	1.0A	200	30	.42	.234		
625-S1D-E3	S1D-E3/61T	C	1.0A	200	30	.29	.097		
625-GF1G-E3	GF1G-E3/67A	B	1.0A	400	30	.42	.234		
625-S1G-E3	S1G-E3/61T	C	1.0A	400	30	.29	.097		
625-GF1J-E3	GF1J-E3/67A	B	1.0A	600	30	.42	.234		
625-S1J-E3	S1J-E3/61T	C	1.0A	600	30	.29	.097		
625-S1K-E3	S1K-E3/61T	C	1.0A	800	30	.29	.097		
625-GF1M-E3	GF1M-E3/67A	B	1.0A	1000	30	.52	.286		
625-S1M-E3	S1M-E3/61T	C	1.0A	1000	30	.29	.097		
625-1N4001-E3/54	1N4001-E3/54	D	1.0A	50	30	.22	.079		
625-S2A-E3	S2A-E3/52T	E	2.0A	50	50	.44	.134		
625-S2B-E3	S2B-E3/52T	E	2.0A	100	50	.44	.134		
625-S2D-E3	S2D-E3/52T	E	2.0A	200	50	.44	.134		
625-S2G-E3	S2G-E3/52T	E	2.0A	400	50	.44	.134		
625-S2J-E3	S2J-E3/52T	E	2.0A	600	50	.48	.145		
625-S2K-E3	S2K-E3/52T	E	2.0A	800	50	.48	.145		
625-S2M-E3	S2M-E3/52T	E	2.0A	1000	50	.48	.145		
625-S3A-E3	S3A-E3/57T	F	3.0A	50	100	.45	.185		
625-S3B-E3	S3B-E3/57T	F	3.0A	100	100	.45	.185		
625-S3D-E3	S3D-E3/57T	F	3.0A	200	100	.45	.185		
625-S3G-E3	S3G-E3/57T	F	3.0A	400	100	.41	.169		
625-S3J-E3	S3J-E3/57T	F	3.0A	600	100	.45	.185		
625-S3K-E3	S3K-E3/57T	F	3.0A	800	100	.45	.185		
625-S3M-E3	S3M-E3/57T	F	3.0A	1000	100	.45	.185		
625-1N5400-E3	1N5400-E3/54	G	3.0A	50	200	.56	.23		
625-1N5401-E3/54	1N5401-E3/54	G	3.0A	100	200	.56	.23		
625-1N5402-E3/54	1N5402-E3/54	G	3.0A	200	200	.56	.23		
625-1N5404-E3	1N5404-E3/54	G	3.0A	400	200	.56	.23		
625-1N5406-E3/54	1N5406-E3/54	G	3.0A	600	200	.56	.23		
625-1N5407-E3/54	1N5407-E3/54	G	3.0A	800	200	.56	.23		
625-1N5408-E3	1N5408-E3/54	G	3.0A	1000	200	.56	.23		
625-S5B-E3	S5B-E3/57T	F	5.0A	100	100	.47	.259		
625-S5D-E3	S5D-E3/57T	F	5.0A	200	100	.46	.192		
625-S5G-E3	S5G-E3/57T	F	5.0A	400	100	.48	.199		
625-S5J-E3	S5J-E3/57T	F	5.0A	600	100	.43	.238		
625-S5M-E3	S5M-E3/57T	F	5.0A	1000	100	.48	.199		
625-G1750-E3/54	G1750-E3/54	H	6.0A	50	400	.70	.419		
625-G1754-E3/54	G1754-E3/54	H	6.0A	400	400	.70	.419		

## FAST RECOVERY GLASS PASSIVATED

MOUSER STOCK NO.	Vishay Part No.	Fig.	I <sub>F</sub> (AV)	PRV (V)	IFM Surge (A)	Price Each			
						1	100	500	1000
625-1N4934GP-E3	1N4934GP-E3/54	I	1.0A	100	200	.40	.123	.099	.073
625-1N4935GP-E3	1N4935GP-E3/54	I	1.0A	200	200	.46	.156	.127	.097
625-1N4936GP-E3	1N4936GP-E3/54	I	1.0A	400	200	.46	.156	.127	.097
625-1N4937GP-E3	1N4937GP-E3/54	I	1.0A	600	200	.46	.156	.127	.097

## ULTRA FAST

MOUSER STOCK NO.	Vishay Part No.	Fig.	I <sub>F</sub> (AV)	PRV (V)	IFM Surge (A)	Price Each			
						1	10	100	500
625-EGF1A-E3	EGF1A-E3/67A	B	1.0A	50	30	.67	.496	.368	.312
625-ES1A-E3	ES1A-E3/61T	C	1.0A	50	30	.48	.274	.147	.118
625-US1A-E3	US1A-E3/61T	C	1.0A	50	30	.47	.311	.193	.174
625-ES1B-E3	ES1B-E3/61T	C	1.0A	100	30	.48	.274	.147	.118
625-US1B-E3	US1B-E3/61T	C	1.0A	100	30	.48	.272	.146	.117
625-ES1C-E3	ES1C-E3/61T	C	1.0A	150	30	.48	.274	.147	.118
625-EGF1D-E3	EGF1D-E3/67A	B	1.0A	200	30	.67	.496	.368	.312
625-ES1D-E3	ES1D-E3/61T	C	1.0A	200	30	.48	.274	.147	.118
625-ES1PD-M3/84A	ES1PD-M3/84A	I	1.0A	200	30	.45	.338	.251	.213
625-MURS120-E3	MURS120-E3/52T	E	1.0A	200	40	.52	.306	.178	.145
625-US1D-E3	US1D-E3/61T	C	1.0A	200	30	.48	.282	.164	.133
625-MURS140-E3	MURS140-E3/52T	E	1.0A	400	40	.47	.35	.26	.22
625-US1G-E3	US1G-E3/61T	B	1.0A	400	30	.48	.282	.164	.133
625-MURS160-E3	MURS160-E3/52T	E	1.0A	600	40	.42	.278	.173	.155
625-US1J-E3	US1J-E3/61T	C	1.0A	600	30	.48	.282	.164	.133
625-US1K-E3	US1K-E3/61T	C	1.0A	800	30	.48	.282	.164	.133
625-US1M-E3	US1M-E3/61T	C	1.0A	1000	30	.48	.282	.164	.133
78-BYG2T-M3/TR	BYG2T-M3/TR	C	1.0A	1300	18	.57	.381	.236	.213
625-UF4001-E3	UF4001-E3/54	I	1.0A	50	30	.58	.339	.197	.16
625-UF4002-E3	UF4002-E3/54	I	1.0A	100	30	.48	.274	.147	.118
625-UF4003-E3	UF4003-E3/54	I	1.0A	200	30	.48	.274	.147	.118
625-UF4004-E3	UF4004-E3/54	I	1.0A	400	30	.48	.274	.147	.118
625-UF4005-E3	UF4005-E3/54	I	1.0A	600	30	.58	.339	.197	.16
625-UF4006-E3	UF4006-E3/54	I	1.0A	800	30	.58	.339	.197	.16
625-UF4007-E3	UF4007-E3/54	I	1.0A	1000	30	.43	.288	.179	.161
625-AS1PD-M3/84A	AS1PD-M3/84A	J	1.5A	200	30	.68	.507	.377	.319
625-AS1PG-M3/84A	AS1PG-M3/84A	J	1.5A	400	30	.68	.507	.377	.319
625-ES2A-E3	ES2A-E3/52T	E	2.0A	50	50	.48	.323	.20	.18
625-ES2B-E3	ES2B-E3/52T	E	2.0A	100	50	.48	.323	.20	.18
625-ES2D-E3	ES2D-E3/52T	E	2.0A	200	50	.48	.323	.20	.18
625-ES2F-E3	ES2F-E3/52T	E	2.0A	300	50	.48	.323	.20	.18
625-ES2G-E3	ES2G-E3/52T	E	2.0A	400	50	.48	.323	.20	.18
625-EGP20A-E3	EGP20A-E3/54	K	2.0A	50	75	.46	.342	.254	.215
625-EGP20B-E3	EGP20B-E3/54	K	2.0A	100	75	.46	.342	.254	.215
625-EGP20D-E3	EGP20D-E3/54	K	2.0A	200	75	.46	.342	.254	.215
625-AU2PJ-M3/86A	AU2PJ-M3/86A	D	2.0A	600	30	.75	.589	.447	.38
625-AU2PK-M3/86A	AU2PK-M3/86A	D	2.0A	800	30	.79	.62	.47	.40
625-AU2PM-M3/86A	AU2PM-M3/86A	D	2.0A	1000	30	.79	.62	.47	.40
625-ES3A-E3	ES3A-E3/57T	G	3A	50	100	.51	.384	.285	.241
625-UF5400-E3	UF5400-E3/54	E	3A	50	150	.64	.476	.354	.299
625-ES3B-E3	ES3B-E3/57T	G	3A	100	100	.51	.384	.285	.241
625-UF5401-E3	UF5401-E3/54	E	3A	100	150	.64	.476	.354	.299
625-ES3C-E3	ES3C-E3/57T	G	3A	150	100	.51			