

POWER SEMICONDUCTORS

Power diodes

FAST RECTIFIER DIODES (DAMPER DIODES)

type number	V_{RRM} range (V)	$I_{F(AV)}$ max. (A)	V_F (V)	t_{rr} (ns)	package
BY229	200, 400, 600, 800	8	1.5	135	TO-220AC
BY229F	200, 400, 600, 800	8	1.5	135	SOT186
BY229X	200, 400, 600, 800	8	1.5	135	SOT186A
BY329	800, 1000, 1200	8	1.5	135	TO-220AC
BY329X	800, 1000, 1200	8	1.5	135	SOT186A
BY359	1500	10	1.5	600	TO-220AC
BY359F	1500	10	1.5	600	SOT186
BY359X	1500	10	1.5	600	SOT186A
BY459	1500	10	1.3	500	TO-220AC
BY459F	1500	10	1.3	500	SOT186
BY459X	1500	10	1.3	500	SOT186A
BY479X	1700	10	1.2	300	SOT186A

SCHOTTKY RECTIFIER DIODES

type number	V_{RRM} range (V)	$I_{F(AV)}$ max. (A)	V_F (V)	single/ double	package
PBYR1025	20, 25	10	0.41	single	TO-220AC
PBYR1525CT	20, 25	15	0.41	dual	TO-220AB
PBYR2025CT	20, 25	20	0.41	dual	TO-220AB
PBYR245CT	35, 40, 45	2	0.45	dual	SOT223
PBYR735-45	35, 40, 45	7.5	0.57	single	TO-220AC
PBYR735F-45F	35, 40, 45	7.5	0.57	single	SOT186
PBYR635CT-45CT	35, 40, 45	10	0.60	dual	SOT82
PBYR1035-45	35, 40, 45	10	0.57	single	TO-220AC
PBYR1035B-45B	35, 40, 45	10	0.57	single	SOT404
PBYR1035F-45F	35, 40, 45	10	0.57	single	SOT186
PBYR1535CT-45CT	35, 40, 45	15	0.57	dual	TO-220AB
PBYR1535CTF-45CTF	35, 40, 45	15	0.57	dual	SOT186
PBYR1635-45	35, 40, 45	16	0.57	single	TO-220AC
PBYR1635B-45B	35, 40, 45	16	0.57	single	SOT404
PBYR1635F-45F	35, 40, 45	16	0.57	single	SOT186
PBYR2035CT-45CT	35, 40, 45	20	0.57	dual	TO-220AB
PBYR2035CTF-45CTF	35, 40, 45	20	0.57	dual	SOT186
PBYR2535CTB-45CTB	35, 40, 45	20	0.51	dual	SOT404
PBYR2535CTF-45CTF	35, 40, 45	20	0.51	dual	SOT186
PBYR2535CT-45CT	35, 40, 45	30	0.73	dual	TO-220AB
PBYR3035PT-45PT	35, 40, 45	30	0.60	dual	SOT93
PBYR3035PTF-45PTF	35, 40, 45	15	0.60	dual	SOT186
PBYR10100 series	60, 80, 100	10	0.70	single	TO-220AC
PBYR20100CT series	60, 80, 100	20	0.70	dual	TO-220AB
PBYR20100CTB	60, 80, 100	20	0.70	dual	SOT404
PBYR30100PT series	60, 80, 100	30	0.70	dual	SOT93
BYV118 series	35, 40, 45	10	0.60	dual	TO-220AB
BYV118F series	35, 40, 45	10	0.60	dual	SOT186