

## Rectifiers

Type	Package	$I_F$ (AV) (max) (A)	$V_{RRM}$ (V)	$I_{FSM}$ (A)	$V_F$ (max)		$t_{rr}$ (max) (ns)
					(V)	@ $I_F$ (A)	
<b>GENERAL PURPOSE</b>							
BYD17D	SOD-87	1.5	200	20	1.05	1	—
BYD17G	SOD-87	1.5	400	20	1.05	1	—
BYD17J	SOD-87	1.5	600	20	1.05	1	—
BYD17K	SOD-87	1.5	800	20	1.05	1	—
BYD17M	SOD-87	1.5	1000	20	1.05	1	—
PRLL4001	SOD-87	1.5	50	20	0.8	1	—
PRLL4002	SOD-87	1.5	100	20	0.8	1	—
<b>FAST RECOVERY</b>							
BYD37D	SOD-87	1.5	200	20	1.3	1	250
BYD37G	SOD-87	1.5	400	20	1.3	1	250
BYD37J	SOD-87	1.5	600	20	1.3	1	250
BYD37K	SOD-87	1.5	800	20	1.3	1	300
BYD37M	SOD-87	1.5	1000	20	1.3	1	300

## Rectifiers

Type	Package	$I_F$ (AV) (max) (A)	$V_{RRM}$ (V)	$I_{FSM}$ (A)	$V_F$ (max)		$t_{rr}$ (max) (ns)	Pinout See Section VII
					(V)	@ $I_F$ (A)		
<b>VERY FAST RECOVERY</b>								
BYD57J	SOD-87	1	600	20	2.1	1	30	—
BYD57M	SOD-87	1	600	20	2.1	1	75	—
BYD77A	SOD-87	2	50	25	0.95	1	25	—
BYD77B	SOD-87	2	100	25	0.95	1	25	—
BYD77C	SOD-87	2	150	25	0.95	1	25	—
BYD77D	SOD-87	2	200	25	0.95	1	25	—
BYD77E	SOD-87	1.85	250	25	1.05	1	50	—
BYD77F	SOD-87	1.85	300	25	1.05	1	50	—
BYD77G	SOD-87	1.85	400	25	1.05	1	50	—
BYV40-100	SOT-223	1.5	100	2 X 6A	1	1.5	50	AA
BYV40-150	SOT-223	1.5	150	2 X 6A	1	1.5	50	AA
BYV40-200	SOT-223	1.5	200	2 X 6A	1	1.5	50	AA

## Voltage Reference Diodes

Type	Package	Description	Reference Voltage		Temperature Coefficient	Pinout See Section VII
			V	@ mA		
BA314L	SOD-80C	Stabistor	0.85-0.94	100	-1.8mV/°C	—
BAS17	SOT-23	Stabistor	0.87-0.96	100	-1.8mV/°C	H
BZV80	SOD-80C	6.2V Reference	5.89-6.51	7.5	0.01%/°C	—
BZV81	SOD-80C	6.2V Reference	5.89-6.51	7.5	0.005%/°C	—