















Product Datasheets































Check out our **Ultra-Low Forward Drop** series



























Small Outline Packages

P / N	I _o (AV) (A)	VRRM (V)	TJ (C)	VF MAX* (V)	IR MAX* (uA)	Packages	Datasheet
SBR0120/30/40	0.1	20	-65 ~ 125	0.41	20	SOD-323	
		30		0.42	50	SOD-523	
		40		0.49	5		
SBR0220/30/40	0.2	20	-65 ~ 125	0.49	20	SOD-323	
		30		0.50	50	SOD-523	
		40		0.60	5		
SBR02A20/30/40 Low VF	0.2	20	-65 ~ 125	0.38	50	SOD-323	
		30		0.40		SOD-523	
		40		0.44			
SBR0530/40	0.5	30	-65 ~ 125	0.47	100	SOD-323	
		40		0.55		SOD-523	
SBR120/30/40	1 (0.7)	20	-65 ~ 125	0.40	200	SOD-323	
		30		0.41			
		40		0.44			

40V-150V Power Devices















P / N	I _o (AV) (A)	VRRM (V)	TJ (C)	VF MAX* (V)	IR MAX* (uA)	Packages	Datasheet
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SBR1040/60/100/150	10 (5X2)	40	-65 ~ 150	0.55	500	TO-220AB / ITO-220 TO-262 / TO-263	
		60		0.68			
		100	-65 ~ 175	0.80	200		
		150		0.88			
SBR10U40/60/100/150 Ultra-Low VF	10 (5X2)	40	-65 ~ 150	0.44	500	TO-220AB / ITO-220 TO-262 / TO-263	
		60		0.48			
		100	-65 ~ 175	0.67	200		
		150		0.79			
SBR2040/45/50/60/100/150	20 (10X2)	40	-65 ~ 150	0.53	500	TO-220AB / ITO-220 TO-262 / TO-263	
		45		0.54			
		50		0.65			
		60		0.70			
		100	-65 ~ 175	0.82	100		
		150		0.88			
SBR20A40/45/50/60/100/120/150 Low VF	20 (10X2)	40	-65 ~ 150	0.50	500	TO-220AB / ITO-220 TO-262 / TO-263	
		45		0.50			
		50		0.52			
		60		0.65			
		100	-65 ~ 175	0.75	100		
		120		0.78			
		150		0.82			
SBR20U40/60/100/120/150 Ultra-Low VF	20 (10X2)	40	-65 ~ 150	0.47	500	TO-220AB / ITO-220 TO-262 / TO-263	
		60		0.57			
		100	-65 ~ 175	0.70			
		120		0.73			
		150		0.76			
SBR3040/45/60/100/150	30 (15X2)	40	-65 ~ 150	0.55	500	TO-220AB / ITO-220 TO-262 / TO-263	
		45		0.55			
		60		0.70			
		100	-65 ~ 175	0.85	100		

		150		0.92			
SBR30A40/50/60/100/120/150 Low-VF	30 (15X2)	40	-65 ~ 150	0.50	500	TO-220AB / ITO-220 TO-262 / TO-263	
		50		0.55			
		60		0.60			
		100	0.80	100			
		120	-65 ~ 175		0.85		
		150	0.88				
SBR30U45/60/100/150 Ultra-Low VF	30 (15X2)	45	-65 ~ 150	0.46	500	TO-220AB / ITO-220 TO-262 / TO-263	
		60		0.56			
		100	-65 ~ 175	0.76			
		150		0.83			
SBR4040/45/60/100/120/150	40 (20X2)	40	-65 ~ 150	0.53	500	TO-220AB / ITO-220 TO-262 / TO-263	
		45		0.55			
		60		0.70			
		100	-65 ~ 175	0.82	100		
		120		0.86			
		150		0.90			
SBR40U45/60/100/150 Ultra-Low VF	40 (20X2)	45	-65 ~ 150	0.51	500	TO-220AB / ITO-220 TO-262 / TO-263	
		60		0.64			
		100	-65 ~ 175	0.73			
		150		0.80			
SBR60A20/45/60/100/150 Low-VF	60 (30X2)	20	-65 ~ 125	0.48	3000	TO-220AB / ITO-220 TO-262 / TO-263	
		45	-65 ~ 150	0.55	500		
		60		0.68			
		100	-65 ~ 175	0.82	100		
		150		0.88			

200V-300V Power Devices

P / N	I _o (AV) (A)	VRRM (V)	T _J (C)	VF MAX* (V)	IR MAX* (uA)	Packages	Datasheet
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SBR10200	10 (5X2)	200	-65C ~ 175C	0.92	200	TO-220AB / ITO-220 TO-262 / TO-263	
SBR10U200/250/300 Ultra-Low VF	10 (5X2)	200	-65C ~ 175C	0.82	200	TO-220AB / ITO-220 TO-262 / TO-263	
		250		0.84			
		300		0.86			
SBR20A200/250/300 Low VF	20 (10X2)	200	-65C ~ 175C	0.86	100	TO-220AB / ITO-220 TO-262 / TO-263	
		250		0.88			
		300		0.92			
SBR30200/250/300	30 (15X2)	200	-65C ~ 175C	0.98	100	TO-220AB / ITO-220 TO-262 / TO-263	
		250		1.00			
		300		1.03			
SBR40U200/300 Ultra-Low VF	40 (20X2)	200	-65C ~ 175C	0.88	1000	TO-220AB / ITO-220 TO-262 / TO-263	
		300		0.92			
SBR60A200/300 Low VF	60 (30X2)	200	-65C ~ 175C	0.94	100	TO-220AB / ITO-220 TO-262 / TO-263	
		300		0.98			

***Note:**

1. VF Max at IF = I_o; T_j = 25C
2. IR Max at VR = VRM; T_j = 25C

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