



### BS9000 High Speed Rectifiers

BS Type Number	Commercial Equivalent	Case	Avg. Rect. Current A	± Cycle Surge Current A	Reverse Repetitive Voltage V	VF Max. at 6A V	Max. Recovery Time trr ns	Max. Capacitance 30V 1 MHz pF	Special Features
BS9331 F027	1N3879/R	SO10	6	75	50	1.4	200*	100	* F = 1A to VR = 30V
BS9331 F027	1N3880/R	SO10	6	75	100	1.4	200*	75	
BS9331 F027	1N3881/R	SO10	6	75	200	1.4	200*	50	
BS9331 F027	1N3882/R	SO10	6	75	300	1.4	200*	40	** F = 0.5A to VR = 30V
BS9331 F027	1N3883/R	SO10	6	75	400	1.4	200*	35	

### BS9000 NPN Power Transistors (TO-3 Package)

BS Type Number	Commercial Equivalent	Absolute Maximum Ratings				V	VCE(sat)			Notes
		VCBO	VEBO	PTOT	ICA		ICA	IBA		
BS9363	F014	BD253, A, B, C	350 to 900	8	50	4	2	3	1	* At 90°C Case * At 95°C Case
BS9365	F191	BU105	1500	5	10*	2.5	5	2.5	1.5	
BS9363	F016	BU108	1500	5	12.5*	5	5	4.5	2	
BS9363	F015	BU126	750	6	50	4	5	4	1	
BS9365	F011	BU137/A	1000/1200	7	70	12	2.2	5.5	1.2	
BS9365	F162	BUY69, A, B, C	500/1000	8	100	10	3.3	8	2.5	