



DO214AC



SOD57



DOT30B

Ultra-Fast Rectifiers – Soft Recovery

Part Number	Electrical Characteristics											Package
	$V_R = V_{RRM}$	I_{FAV}	I_{FSM}	I_R at T_J ¹⁾		V_{Fmax} at I_F		$t_{rr\ max}$	at I_F , I_R and i_R			
	V	A	A	$25^\circ C$	$150^\circ C$	V	A	ns	A	A	A	
Ultra-Fast Rectifiers – Soft Recovery – in DO214AC												
BYG20D	200	1.5	20	1	$10^{2)}$	1.3	1	75	0.5	1	0.25	DO214AC
BYG20G	400	1.5	20	1	$10^{2)}$	1.3	1	75	0.5	1	0.25	DO214AC
BYG20J	600	1.5	20	1	$10^{2)}$	1.3	1	75	0.5	1	0.25	DO214AC
BYG22A	50	2	35	1	$10^{2)}$	1.1	2	25	0.5	1	0.25	DO214AC
BYG22B	100	2	35	1	$10^{2)}$	1.1	2	25	0.5	1	0.25	DO214AC
BYG22D	200	2	35	1	$10^{2)}$	1.1	2	25	0.5	1	0.25	DO214AC
Ultra-Fast Rectifiers – Soft Recovery – in DOT30B												
BYT43A	50	1	30	5	150	1.6	1	50	0.5	1	0.25	DOT30B
BYT43B	100	1	30	5	150	1.6	1	50	0.5	1	0.25	DOT30B
BYT43D	200	1	30	5	150	1.6	1	50	0.5	1	0.25	DOT30B
BYT43G	400	1	30	5	150	1.6	1	50	0.5	1	0.25	DOT30B
BYT43J	600	1	30	5	150	1.6	1	50	0.5	1	0.25	DOT30B
BYT43K	800	1	30	5	150	1.6	1	75	0.5	1	0.25	DOT30B
BYT43M	1000	1	30	5	150	1.6	1	75	0.5	1	0.25	DOT30B
BYT44A	50	1.5	30	5	150	1.1	1	25	0.5	1	0.25	DOT30B
BYT44B	100	1.5	30	5	150	1.1	1	25	0.5	1	0.25	DOT30B
BYT44C	150	1.5	30	5	150	1.1	1	25	0.5	1	0.25	DOT30B
BYT44D	200	1.5	30	5	150	1.1	1	25	0.5	1	0.25	DOT30B
Ultra-Fast Rectifiers – Soft Recovery – in SOD57												
BYV26A	200	1	30	5	100	2.5	1	30	0.5	1	0.25	SOD57
BYV26B	400	1	30	5	100	2.5	1	30	0.5	1	0.25	SOD57
BYV26C	600	1	30	5	100	2.5	1	30	0.5	1	0.25	SOD57
BYV26D	800	1	30	5	100	2.5	1	75	0.5	1	0.25	SOD57
BYV26E	1000	1	30	5	100	2.5	1	75	0.5	1	0.25	SOD57
BYV27/50	50	2	50	1	$150^{4)}$	1.07	3	25	0.5	1	0.25	SOD57
BYV27/100	100	2	50	1	$150^{4)}$	1.07	3	25	0.5	1	0.25	SOD57
BYV27/150	150	2	50	1	$150^{4)}$	1.07	3	25	0.5	1	0.25	SOD57
BYV27/200	200	2	50	1	$150^{4)}$	1.07	3	25	0.5	1	0.25	SOD57
SF4001	50	1	30	5	$50^{3)}$	1	1	0	0.5	1	0.25	SOD57
SF4002	100	1	30	5	$50^{3)}$	1	1	50	0.5	1	0.25	SOD57
SF4003	200	1	30	5	$50^{3)}$	1	1	50	0.5	1	0.25	SOD57
SF4004	400	1	30	5	$50^{3)}$	1	1	50	0.5	1	0.25	SOD57
SF4005	600	1	30	5	$50^{3)}$	1.7	1	75	0.5	1	0.25	SOD57
SF4006	800	1	30	5	$50^{3)}$	1.7	1	75	0.5	1	0.25	SOD57
SF4007	1000	1	30	5	$50^{3)}$	1.7	1	75	0.5	1	0.25	SOD57
SF1200	1200	1	30	5	$50^{3)}$	3.4	1	75	0.5	1	0.25	SOD57
SF1600	1600	1	30	5	$50^{3)}$	3.4	1	75	0.5	1	0.25	SOD57

¹⁾ at $V_R = V_{RRM}$

²⁾ $T_J = 100^\circ C$

³⁾ $T_J = 125^\circ C$

⁴⁾ $T_J = 165^\circ C$