



DO214AC



SOD64

Ultra-Fast Rectifiers – Soft Recovery (continued)

Part Number	Electrical Characteristics											Package
	$V_R = V_{RRM}$	I_{FAV}	I_{FSM}	I_R at T_J ¹⁾ 25°C 150°C		V_{Fmax} at I_F		$t_{rr\ max}$ at I_F		I_R	and i_R	
	V	A	A	μA	μA	V	A	ns	A	A	A	
Ultra-Fast Rectifiers – Soft Recovery – in SOD64												
BYV28/50	50	3.5	90	1	150 ⁴⁾	1.1	5	30	0.5	1	0.25	SOD64
BYV28/100	100	3.5	90	1	150 ⁴⁾	1.1	5	30	0.5	1	0.25	SOD64
BYV28/150	150	3.5	90	1	150 ⁴⁾	1.1	5	30	0.5	1	0.25	SOD64
BYV28/200	200	3.5	90	1	150 ⁴⁾	1.1	5	30	0.5	1	0.25	SOD64
BYW178	800	3	80	1	20 ²⁾	1.9	3	60	0.5	1	0.25	SOD64
SF5400	50	3	150	5	50 ³⁾	1.1	3	50	0.5	1	0.25	SOD64
SF5401	100	3	150	5	50 ³⁾	1.1	3	50	0.5	1	0.25	SOD64
SF5402	200	3	150	5	50 ³⁾	1.1	3	50	0.5	1	0.25	SOD64
SF5403	300	3	150	5	50 ³⁾	1.1	3	50	0.5	1	0.25	SOD64
SF5404	400	3	150	5	50 ³⁾	1.1	3	50	0.5	1	0.25	SOD64
SF5405	500	3	150	5	50 ³⁾	1.7	3	75	0.5	1	0.25	SOD64
SF5406	600	3	150	5	50 ³⁾	1.7	3	75	0.5	1	0.25	SOD64
SF5407	800	3	150	5	50 ³⁾	1.7	3	75	0.5	1	0.25	SOD64
SF5408	1000	3	150	5	50 ³⁾	1.7	3	75	0.5	1	0.25	SOD64

¹⁾ at $V_R = V_{RRM}$

²⁾ $T_J = 100^\circ C$

³⁾ $T_J = 125^\circ C$

⁴⁾ $T_J = 165^\circ C$

Schottky Rectifiers in DO214AC

Part Number	Electrical Characteristics							Package
	$V_R = V_{RRM}$	I_{FAV}	I_{FSM}	I_R at T_J ¹⁾ 25°C 100°C		V_F at I_F		
	V	A	A	mA	mA	V	A	
BYS10-25	25	1.5	30	0.5	10	0.5	1	DO214AC
BYS10-35	35	1.5	30	0.5	10	0.5	1	DO214AC
BYS10-45	45	1.5	30	0.5	10	0.5	1	DO214AC
BYS11-90	90	1.5	30	0.1	1	0.9	1	DO214AC
BYS12-90	90	1.5	30	0.2	2	0.36 0.9	0.015 1	DO214AC

¹⁾ at $V_R = V_{RRM}$