

RECTIFIER DIODES, Fast Recovery, Plastic Package

ISI Part Number	Maximum Average Rectified Current at T_A		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I_F and $T_A = 25^\circ\text{C}$	Maximum Rev. Current @ Rated PIV and $T_A = 25^\circ\text{C}$	Reverse Recovery Time at Rated PIV	Package Quantities	Outline
	I_o (Amps)	T_A ($^\circ\text{C}$)	PIV (Volts)	I_{FSM} (Amps)	V_{FM} (Volts)	I_R (μA)	T_{RR} (nsec)	Bulk/Reel	Inches/millimeters
FR151 FR152 FR153 FR154 FR155 FR156 FR157	1.5	75	50 100 200 400 600 800 1000	60	1.3	5.0	150 150 150 150 250 250 500	500/4000	DO-15
FR201 FR202 FR203 FR204 FR205 FR206 FR207			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR301 FR302 FR303 FR304 FR305 FR306 FR307			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR301 FR302 FR303 FR304 FR305 FR306 FR307	3.0	75	50 100 200 400 600 800 1000	150	1.3	10	150 150 150 150 250 250 500	500/1250	DO-201AD
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607	6.0	75	50 100 200 400 600 800 1000	300	1.3	10	150 150 150 150 250 250 500	400/500	P-600
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
FR601 FR602 FR603 FR604 FR605 FR606 FR607			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		

RECTIFIER DIODES, Fast Recovery, Glass Passivated, Plastic Package

ISI Part Number	Maximum Average Rectified Current at T_A		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I_F and $T_A = 25^\circ\text{C}$	Maximum Rev. Current @ Rated PIV and $T_A = 25^\circ\text{C}$	Reverse Recovery Time at Rated PIV	Package Quantities	Outline
	I_o (Amps)	T_A ($^\circ\text{C}$)	PIV (Volts)	I_{FSM} (Amps)	V_{FM} (Volts)	I_R (μA)	T_{RR} (nsec)	Bulk/Reel	Inches/millimeters
FR101GP FR102GP FR103GP FR104GP FR105GP FR106GP FR107GP	1.0	55	50 100 200 400 600 800 1000	30	1.3	5.0	150 150 150 150 250 250 500	1000/5000	DO-41
1N4933GP 1N4934GP 1N4935GP 1N4936GP 1N4937GP			50 100 200 400 600				200		
1N4942GP 1N4944GP 1N4946GP 1N4947GP 1N4948GP			20 400 600 800 1000				150 150 250 250 500		
FR101GP FR102GP FR103GP FR104GP FR105GP FR106GP FR107GP		75	50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
1N4933GP 1N4934GP 1N4935GP 1N4936GP 1N4937GP			50 100 200 400 600				200		
1N4942GP 1N4944GP 1N4946GP 1N4947GP 1N4948GP			20 400 600 800 1000				150 150 250 250 500		
FR101GP FR102GP FR103GP FR104GP FR105GP FR106GP FR107GP		55	50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
1N4933GP 1N4934GP 1N4935GP 1N4936GP 1N4937GP			50 100 200 400 600				200		
1N4942GP 1N4944GP 1N4946GP 1N4947GP 1N4948GP			20 400 600 800 1000				150 150 250 250 500		
FR101GP FR102GP FR103GP FR104GP FR105GP FR106GP FR107GP			50 100 200 400 600 800 1000				150 150 150 150 250 250 500		
1N4933GP 1N4934GP 1N4935GP 1N4936GP 1N4937GP			50 100 200 400 600				200		
1N4942GP 1N4944GP 1N4946GP 1N4947GP 1N4948GP			20 400 600 800 1000				150 150 250 250 500		