

Fast Recovery Diodes

Part Number	V_{RRM}	$I_{TAV} @ T_C$		$V_{FM} @ I_{FM}, 25^{\circ}C$		t_{rr} μ Sec	$T_{J(MAX)}$ $^{\circ}C$	$R_{th(j-c)}$ $^{\circ}C/W$	Case
	V	A	$^{\circ}C$	V	A				
CSD1N3891	200-400	12	100	1.60	20	200nSec	150	2.00	DO-4
CSD1N3891R	200-400	12	100	1.60	20	200nSec	150	2.00	DO-4
CSD1N3893	200-400	12	100	1.60	20	200nSec	150	2.00	DO-4
CSD1N3893R	200-400	12	100	1.60	20	200nSec	150	2.00	DO-4
CSD1N3911	200-400	30	100	1.40	30	200nSec	150	1.00	DO-5
CSD1N3911R	200-400	30	100	1.40	30	200nSec	150	1.00	DO-5
CSD1N3913	200-400	30	100	1.40	30	200nSec	150	1.00	DO-5
CSD1N3913R	200-400	30	100	1.40	30	200nSec	150	1.00	DO-5
CSDA139	600-1000	25	75	1.95	100	500nSec	125	1.00	DO-5
CSDA139R	600-1000	25	75	1.95	100	500nSec	125	1.00	DO-5
CSDA77	200-1000	70	75	2.00	200	1.00	125	0.40	DO-5
CSDA77R	200-1000	70	75	2.00	200	1.00	125	0.40	DO-5
CSDA177	200-1400	100	85	1.75	500	2.30	125	0.40	DO-8
CSDA177R	200-1400	100	85	1.75	500	2.30	125	0.40	DO-8
CSDA197	200-1400	250	103	1.70	1000	2.80	125	0.25	DO-9
CSDA197R	200-1400	250	103	1.70	1000	2.80	125	0.25	DO-9
CSDA397	200-1400	400	110	1.80	1000	2.80	125	0.09	DO-200AA
CSDA398	200-1400	400	90	1.70	1000	1.50	175	0.09	DO-200AA
CSDA437	600-1400	750	65	1.60	1000	3.50	125	0.05	DO-200AB

Fast Soft Recovery Diodes

Part Number	V_{RMM}	$I_{F(AVG)} @ T_{HS}$		$V_{FM} @ I_{FM}$		t_{rr} μ Sec	$T_{J(MAX)}$ $^{\circ}C$	$R_{th(j-c)}$ $^{\circ}C/W$	$R_{th(j-hs)}$ $^{\circ}C/W$	Case
	V	A	$^{\circ}C$	V	A					
CSDR102xx	1200-1800	139	55	1.60	280	1.0	150	0.30	—	DO-8
CSDR102xxR	1200-1800	139	55	1.60	280	1.0	150	0.30	—	DO-8
CSDR113xx	1200-1400	336	55	1.35	470	1.5	150	0.13	—	DO-9
CSDR113xxR	1200-1400	336	55	1.35	470	1.5	150	0.13	—	DO-9
CSDR124xx	1200-2000	334	55	1.35	470	2.0	150	0.13	—	DO-9
CSDR124xxR	1200-2000	334	55	1.35	470	2.0	150	0.13	—	DO-9
CSDR204xx	800-1400	437	55	1.46	635	2.3	150	—	0.090	DO-200AA
CSDR215xx	1200-2000	433	55	1.47	635	2.8	150	—	0.090	DO-200AA
CSDR303xx	400-1600	759	55	1.70	1500	1.5	125	—	0.050	DO-200AA-2
CSDR404xx	1200-1600	859	55	1.55	1200	2.3	125	—	0.044	DO-200AB
CSDR413xx	1400-2100	872	55	1.50	1200	1.7	125	—	0.044	DO-200AB
CSDR425xx	2600-3600	863	55	2.10	1400	2.8	125	—	0.033	DO-200AB
CSDR434xx	1200-2000	1023	55	1.72	1450	1.9	125	—	0.033	DO-200AB
CSDR446xx	4000-4500	736	55	2.56	1400	3.8	125	—	0.033	DO-200AB
CSDR506xx	1600-2500	1194	55	2.34	4500	3.7	125	—	0.022	DO-200AC
CSDR514xx	4000-4500	1104	55	2.20	1500	5.0	125	—	0.022	DO-200AC
CSDR706xx	2000-3000	3770	55	1.74	4700	4.1	125	—	0.011	D-73

Voltage Matrix

B	200V	PD	1400V	LE	2500V	CM	3600V
D	400V	PM	1600V	LM	2600V	CN	3800V
M	600V	PN	1800V	LN	2800V	DP	4800V
N	800V	L	2000V	LP	3000V	DB	4200V
P	1000V	LB	2200V	CB	3200V	DD	4400V
PB	1200V	LD	2400V	CD	3400V	DE	4500V

Part Number Nomenclature

Classification	Voltage (V)	Complete Part Number
CSDR434	N 1200V	CSDR434