



SO8



TO71



TO78

Small-Signal Diodes

Part Number	Nominal Forward Current (mA)	Forward Current Tolerance ($\pm\%$)	Limiting Voltage Max (V)	Peak Operating Voltage Min (V)	Dynamic Impedance Min ($k\Omega$)	Typ Knee Impedance ($k\Omega$)	Package	Source
Current Regulators								
J500	0.24	20	1.20	50	4000	2500	TO226AA	SC
J501	0.33	20	1.30	50	2200	1600	TO226AA	SC
J502	0.43	20	1.50	50	1500	1100	TO226AA	SC
J503	0.56	20	1.70	50	1200	800	TO226AA	SC
J504	0.75	20	1.90	50	800	550	TO226AA	SC
J505	1.00	20	2.10	50	500	400	TO226AA	SC
J506	1.40	20	2.50	50	330	250	TO226AA	SC
J507	1.80	20	2.80	50	200	190	TO226AA	SC
J508	2.40	20	3.10	50	200	130	TO206AA	SC
J509	3.00	20	3.50	50	150	90	TO226AA	SC
J510	3.60	20	3.90	50	150	70	TO226AA	SC
J511	4.70	20	4.20	50	120	50	TO226AA	SC
CR160	1.60	10	1.65	100	475	400	TO206AA	SC
CR180	1.80	10	1.75	100	420	340	TO206AA	SC
CR200	2.00	10	1.85	100	395	280	TO206AA	SC
CR220	2.20	10	1.95	100	370	250	TO206AA	SC
CR240	2.40	10	2.00	100	345	220	TO206AA	SC
CR270	2.70	10	2.15	100	320	190	TO206AA	SC
CR300	3.00	10	2.25	100	300	160	TO206AA	SC
CR330	3.30	10	2.35	100	280	140	TO206AA	SC
CR360	3.60	10	2.50	100	265	130	TO206AA	SC
CR390	3.90	10	2.60	100	255	120	TO206AA	SC
CR430	4.30	10	2.75	100	245	100	TO206AA	SC
CR470	4.70	10	2.90	100	235	90	TO206AA	SC

Low Leakage

Part Number	Reverse Current Max (pA)	Breakdown Voltage		Forward Voltage Max (V)	Reverse Capacitance Max (pF)	Forward Current Max (mA)	Package	Source
		Min	Max					
Single configuration								
PAD1	-1	-45	-120	1.5	0.8	50	*TO206AF	SC
JPAD5	-5	-35		1.5	2	10	*TO226AA	SC
PAD5	-5	-45	-120	1.5	0.8	50	*TO206AF	SC
SSTPAD5	-5	-35		1.5	2	10	TO236	SC
JPAD50	-50	-35		1.5	2	10	*TO226AA	SC
PAD50	-50	-35		1.5	2	50	*TO206AA	SC
SSTPAD100	-100	-35		1.5	2	10	TO236	SC
Dual configuration								
DPAD1	-1	-45	-120	1.5	0.8	50	*TO78	SC
DPAD5	-5	-45	-120	1.5	0.8	50	*TO71	SC
SSTDPAD5	-5	-30		1.5	4	50	SO8	SC
DPAD50	-50	-35		1.5	2	50	*TO71	SC
SSTDPAD100	-100	-30		1.5	4	50	SO8	SC

*Modified