

Thyristors (SCRs)

STC offers a line of sensitive-gate thyristors intended for use in applications such as timing, programming, relay driving and replacement pulse generation, lampdriving, servo motor control, and many others. These sensitive-gate SCR's can be directly driven from logic circuits.

Package	Part Number	V _{DRM} (volts)	I _T 85°C Case (amps)	I _{GT} Max (uA)	V _{GT} Min-Max (volts)	I _H Max (mA)
TO-5, TO-39	2N2323, S ⁽¹⁾	50	1.6	200	0.35 – 0.80	2.0
	2N2323A, S ⁽¹⁾	50	1.6	20	0.35 – 0.60	2.0
	2N2324, S ⁽¹⁾	100	1.6	200	0.35 – 0.80	2.0
	2N2324A, S ⁽¹⁾	100	1.6	20	0.35 – 0.60	2.0
	2N2326, S ⁽¹⁾	200	1.6	200	0.35 – 0.80	2.0
	2N2326A, S ⁽¹⁾	200	1.6	20	0.35 – 0.60	2.0
	2N2328, S ⁽¹⁾	300	1.6	200	0.35 – 0.80	2.0
	2N2328A, S ⁽¹⁾	300	1.6	20	0.35 – 0.60	2.0
	2N2329, S ⁽¹⁾	400	1.6	200	0.35 – 0.80	2.0



- Notes: 1. "S" suffix parts are in TO-39 package. All other parts are in TO-5 package.
2. Available as JAN, JANTX, and JANTXV.

Package	Part Number	V _{DRM} (volts)	I _T 70°C Case (amps)	I _{GT} Max (uA)	V _{GT} Min-Max (volts)	t _r Max (nS)	t _q Max (uS)
TO-18	ST200	60	0.4	200	0.40 – 0.75	25	2.0
	ST200A	60	0.4	200	0.40 – 0.75	25	0.5
	ST201	100	0.4	200	0.40 – 0.75	25	2.0
	ST201A	100	0.4	200	0.40 – 0.75	25	0.5



Package	Part Number	V _{DRM} (volts)	I _T 70°C Case (amps)	I _{GT} Max (uA)	V _{GT} Min-Max (volts)	t _r Max (nS)	t _q Max (uS)
TO-59	SB200	60	6.0	200	0.40 – 0.75	25	2.0
	SB200A	60	6.0	200	0.40 – 0.75	25	0.5
	SB201	100	6.0	200	0.40 – 0.75	25	2.0
	SB201A	100	6.0	200	0.40 – 0.75	25	0.5

