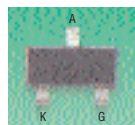


Thyristors — continued

SOT-23, SOT-223 Sensitive Gate



SOT-23
H = 1.04, W = 3.0, D = 2.5



SOT-223
H = 1.7, W = 36.7, D = 7.3



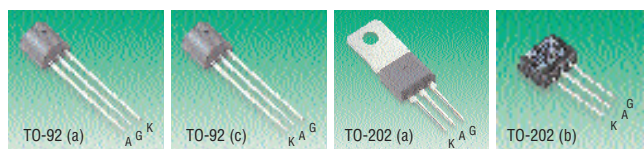
I_T rms A	V_{DRM} max. V	I_T av A	I_{TSM} max. A	I_{GT} μ A	V_{GT} V	Package	Mfrs. List No.
0.26	100	0.17	7.0	200	0.8	SOT-23	P0102AL
0.26	200	0.17	7.0	200	0.8	SOT-23	P0102BL
0.26	400	0.17	7.0	200	0.8	SOT-23	P0102DL
0.8	800	0.5	7.0	20	0.8	SOT-223	P0201NN
1.4	600	0.64	22.5	200	0.8	SOT-223	X0202MN

Mfrs. List No.	Order Code	Price Each				
		5+	25+	100+	250+	1K+
P0102AL	705-720					
P0102BL	705-731					
P0102DL	538-826 †					
P0201NN	538-840					
X0202MN	538-851					

† Available until stocks are exhausted

SD272

TO-92/TO-126/TO-202/SOT-82, Sensitive Gate



I_T rms A	V_{DRM} max. V	I_T av A	I_{TSM} A	I_{GT} μ A	V_{GT} V	Package	Mfr.	Mfrs. List No.
0.8	30	0.32	5	350	1.2	TO-92 (a)	ON	2N5060
0.8	60	0.32	5	350	1.2	TO-92 (a)	ON	2N5061
0.8	60	0.32	7	500	1.0	TO-92 (a)	SEM	C203YY
0.8	100	0.32	5	350	1.2	TO-92 (a)	—	2N5062
0.8	100	0.5	7	200	0.8	TO-92 (a)	ST	P0102AA
0.8	200	0.32	5	350	1.2	TO-92 (a)	—	2N5064
0.8	400	0.5	7	200	0.8	TO-92 (a)	ST	P0102DA
0.8	400	0.5	7	50	0.8	TO-92 (a)	ST	P0115DA
0.8	600	0.5	10	200	0.8	TO-92 (a)	ST	X00602MA
1.25	600	0.8	22.5	200	0.8	TO-92 (a)	ST	X0202MA
1.25	600	0.8	22.5	200	0.8	TO-92 (a)	ST	X0203MA
1.25	800	0.8	22.5	200	0.8	TO-92 (a)	ST	X0202NA
1.25	800	0.8	22.5	200	0.8	TO-92 (a)	ST	X0203NA
2.0	400	2.0	15	200	1.0	TO-92 (c)	PI	TICP106D
2.0	600	2.0	15	200	1.0	TO-92 (c)	PI	TICP106M
2.5	400	1.7	17	500	1.0	TO-126	ON	C106D
2.5	600	1.7	17	500	1.0	TO-126	ON	C106M
4.0	400	2.5	30	200	0.8	TO-202 (a)	ST	X0402DE
4.0	400	2.5	50	200	1.5	TO-220	ST	S0402DH
4.0	600	2.5	30	200	0.8	TO-202 (b)	ST	X0402MF
4.0	600	2.5	30	200	0.8	TO-202 (b)	ST	X0403MF
4.0	800	2.5	50	200	1.5	TO-220	ST	S0402NH

SD293

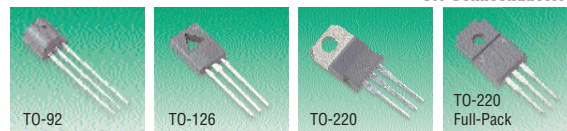
Mfrs. List No.	Order Code	Price Each				
		5+	25+	100+	250+	1K+
C106D	362-773					
C106M	362-797					
C203YY	362-839					
P0102AA	362-840					
P0102DA	362-852					
P0115DA	705-755					
S0402DH	705-767					

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	1K+
S0402MH	705-779					
S0402NH	705-858					
S0817NH	705-792					
TICP106D	.363-005					
TICP106M	.363-017					

Mfrs. List No.	Order Code	Price Each				
		5+	25+	100+	250+	1K+
X00602MA	323-9445					
X0202MA	538-838					
X0202NA	705-998					
X0203MA	706-000					
X0203NA	706-012					
X0402DE	706-024					
X0402MF	538-802					
X0403MF	706-048					
2N5060	363-110					
2N5061	.363-121					
2N5062	363-133					
2N5064	363-145					

TO-92, TO-126, TO-220

ON Semiconductor



I_T rms A	V_{DRM}/V_{DRM} max. V	I_T av A	I_{TSM} A	I_{GT} mA	V_{GT} V	Package	Mfrs. List No.
4	600	2.6	35	0.3	1.0	D-Pak	MCR708AT4
8	400	—	100	25	1.5	TO-220 Full-Pack	MCR218-6FP
8	800	—	100	25	1.5	TO-220 Full-Pack	MCR218-10FP
12	600	—	100	20	2.2	TO-220	MCR12M*
16	800	10	160	30	1.5	TO-220	2N6405
25	600	—	300	30	1.0	TO-220	MCR25M*
25	400	16	300	40	1.5	TO-220	2N6507
25	600	16	300	40	1.5	TO-220	2N6508
25	800	16	300	40	1.5	TO-220	2N6509
25	800	—	300	40	1.5	TO-220 Full-Pack	MCR225-10FP
55	800	35	550	50	1.5	TO-220	MCR265-10

Sensitive Gate, Reverse Blocking Triode

I_T rms A	V_{DRM}/V_{DRM} max. V	I_T av A	I_{TSM} A	I_{GT} mA	V_{GT} V	Package	Mfrs. List No.
0.8	400	—	10	0.2	0.8	TO-92	MCR100-6
0.8	600	—	10	0.2	0.8	TO-92	MCR100-8
1.5	600	—	15	0.2	0.8	TO-92	MCR22-8
4.0	600	2.55	25	0.2	1.0	TO-126	MCR106-8

* High performance, reverse blocking thyristor

SD368

Mfrs. List No.	Order Code	Price Each				
		5+	100+	250+	500+	
MCR12M	878-315					
MCR22-8	247-194					
MCR25M	878-250					
MCR100-6	878-212					
MCR100-8	878-224					
MCR106-8	878-297					

Mfrs. List No.	Order Code	Price Each			
		1+	25+	100+	250+
MCR218-10FP	NEW 352-6306				
MCR218-6FP	NEW 352-6318				
MCR225-10FP	NEW 352-6320				
MCR265-10	878-327				
MCR708AT4	NEW 352-6331				
2N6405	NEW 352-5430				
2N6507	878-080				
2N6508	878-078				
2N6509	878-108				

12A to 30A



I_T rms A	V_{DRM}/V_{DRM} max. V	I_T av A	I_{TSM} @ 25°C A	I_{GT} @ 25°C mA	V_{GT} V	Package	Mfrs. List No.
12	400	8	120	15	1	D-PAK	8TWS04S
12	800	8	120	15	1	D-PAK	8TWS08S
12.5	400	8	140	15	1	D2-PAK	12TTS04S
12.5	800	8	140	15	1	D2-PAK	12TTS08S
30	800	20	300	60	2.5	TO-247	30TPS08
30	1200	20	300	60	2.5	TO-247	30TPS12
30	1600	20	300	60	2.5	TO-247	30TPS16

SD473

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	1K+
8TWS04S	SMD 315-7040					
8TWS08S	SMD 315-7052					
12TTS04S	SMD 315-7027					
12TTS08S	SMD 315-7039					
30TPS08	315-6734					
30TPS12	315-6746					
30TPS16	315-6758					

TO-220, TO-218, TO-247

I_T rms A	V_{DRM}/V_{DRM} max. V	I_T AV A	I_{TSM} A	I_{GT} mA	V_{GT} V	Package	Mfr.	Mfrs. List No.
4	600	2.5	30	0.2	0.8	TO-220	ST	TS420-600T
4	700	2.5	30	0.2	0.8	TO-220	ST	TS420-700T
5	800	3.2	30	200.0	1.0	TO-220	PI	TIC106N ◆
8	400	5.0	80	15.0	1.5	TO-220	ST	TYN408
8	400	5.0	80	20.0	1.5	TO-220	PI	TIC116D
8	600	5.0	80	15.0	1.5	TO-220	ST	TXN608 ●
8	600	5.0	80	20.0	1.5	TO-220	PI	TIC116M
8	800	5.0	80	15.0	1.5	TO-220	ST	TYN808
12	100	8.0	300	30.0	1.5	TO-220	ST	TYP1012 ◇
12	400	7.5	100	30.0	1.5	TO-220	ON	2N6397
12	400	8.0	120	15.0	1.5	TO-220	ST	TYN412
12	600	7.5	100	20.0	1.5	TO-220	PI	TIC126M

continued