

## SILICON BIDIRECTIONAL TRIGGER DEVICES

$I_{FRM}$ (A)	$V_{(BO)}$ (V)	$I_{(BO)}$ (V)	TYPE NUMBER	ENVELOPE
2	28 - 36	50 $\mu$ A		
2	28 - 36	50 $\mu$ A	BR100/LLD	SOD80

## STANDARD THYRISTORS

$I_{T(AV)}$ (A)	$V_{DRM},$ $V_{RRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)	TYPE NUMBER	ENVELOPE
5	500 600 800	15		
5.7	500 650 800	15	BT151F-500 BT151F-650 BT151F-800	SOT186
5.7	500 650 800	15	BT151X-500 BT151X-650 BT151X-800	SOT186A
7.5	500 650 800	15	BT151-500R BT151-650R BT151-800R	TO220AB
13	400 600 800	32	BT152-400R BT152-600R BT152-800R	TO220AB
16	500 600 800	35	BT145-500R BT145-600R BT145-800R	TO220AB

## SENSITIVE GATE THYRISTORS

$I_{T(AV)}$ (A)	$V_{DRM},$ $V_{RRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)	TYPE NUMBER	ENVELOPE
7.5	500 650 800	4		

## LOGIC LEVEL THYRISTORS

$I_{T(AV)}$	$V_{DRM}, V_{RRM}$	$I_{GT} \text{ MAX}$	TYPE NUMBER	ENVELOPE
(A)	(V)	( $\mu\text{A}$ )		
0.5	200 400 600 800	200	BT149B BT149D BT149E BT149G	SOT54
0.5	200 400 600 800	20 - 200	BT168B BT168D BT168E BT168G	SOT54
0.5	200 400 600 800	200	BT169B BT169D BT169E BT169G	SOT54
0.5	200	200	2N5064	SOT54
0.6	200 400 600 800	20 - 200	BT168BW BT168DW BT168EW BT168GW	SOT223
0.6	400	200	BT169DW	SOT223
0.6	400 500 600	200	BT148W-400R BT148W-500R BT148W-600R	SOT223
2.5	400 500 600	200	BT148-400R BT148-500R BT148-600R	SOT82
2.5	500 600 800	200	BT150-500R BT150-600R BT150-800R	TO220AB
5	500 600 800	200	BT258-500R BT258-600R BT258-800R	TO220AB

## STANDARD TRIACS

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
1	500 600 800	35	35	35	70	BT134W-500 BT134W-600 BT134W-800	SOT223
4	500 600 800	35	35	35	70	BT134-500 BT134-600 BT134-800	SOT82
4	500 600 800	25	25	25	70	BT134-500F BT134-600F BT134-800F	SOT82
4	500 600 800	50	50	50	100	BT134-500G BT134-600G BT134-800G	SOT82
4	500 600 800	35	35	35	70	BT136-500 BT136-600 BT136-800	TO220AB
4	500 600 800	25	25	25	70	BT136-500F BT136-600F BT136-800F	TO220AB
4	500 600 800	50	50	50	100	BT136-500G BT136-600G BT136-800G	TO220AB
4	500 600 800	35	35	35	70	BT136F-500 BT136F-600 BT136F-800	SOT186
4	500 600 800	25	25	25	70	BT136F-500F BT136F-600F BT136F-800F	SOT186
4	500 600 800	50	50	50	100	BT136F-500G BT136F-600G BT136F-800G	SOT186
4	500 600 800	35	35	35	70	BT136X-500 BT136X-600 BT136X-800	SOT186A
4	500 600 800	25	25	25	70	BT136X-500F BT136X-600F BT136X-800F	SOT186A
4	500 600 800	50	50	50	100	BT136X-500G BT136X-600G BT136X-800G	SOT186A

## STANDARD TRIACS (continued)

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
8	500 600 800	35	35	35	70	BT137-500 BT137-600 BT137-800	TO220AB
8	500 600 800	25	25	25	70	BT137-500F BT137-600F BT137-800F	TO220AB
8	500 600 800	50	50	50	100	BT137-500G BT137-600G BT137-800G	TO220AB
8	500 600 800	35	35	35	70	BT137F-500 BT137F-600 BT137F-800	SOT186
8	500 600 800	25	25	25	70	BT137F-500F BT137F-600F BT137F-800F	SOT186
8	500 600 800	50	50	50	100	BT137F-500G BT137F-600G BT137F-800G	SOT186
8	500 600 800	35	35	35	70	BT137X-500 BT137X-600 BT137X-800	SOT186A
8	500 600 800	25	25	25	70	BT137X-500F BT137X-600F BT137X-800F	SOT186A
8	500 600 800	50	50	50	100	BT137X-500G BT137X-600G BT137X-800G	SOT186A

## STANDARD TRIACS (continued)

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
12	500 600 800	35	35	35	70	BT138-500 BT138-600 BT138-800	TO220AB
12	500 600 800	25	25	25	70	BT138-500F BT138-600F BT138-800F	TO220AB
12	500 600 800	50	50	50	100	BT138-500G BT138-600G BT138-800G	TO220AB
12	500 600 800	35	35	35	70	BT138F-500 BT138F-600 BT138F-800	SOT186
12	500 600 800	25	25	25	70	BT138F-500F BT138F-600F BT138F-800F	SOT186
12	500 600 800	50	50	50	100	BT138F-500G BT138F-600G BT138F-800G	SOT186
12	500 600 800	35	35	35	70	BT138X-500 BT138X-600 BT138X-800	SOT186A
12	500 600 800	25	25	25	70	BT138X-500F BT138X-600F BT138X-800F	SOT186A
12	500 600 800	50	50	50	100	BT138X-500G BT138X-600G BT138X-800G	SOT186A

## STANDARD TRIACS (continued)

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
16	500 600 800	35	35	35	70	BT139-500 BT139-600 BT139-800	TO220AB
16	500 600 800	25	25	25	70	BT139-500F BT139-600F BT139-800F	TO220AB
16	500 600 800	50	50	50	100	BT139-500G BT139-600G BT139-800G	TO220AB
16	500 600 800	35	35	35	70	BT139F-500 BT139F-600 BT139F-800	SOT186
16	500 600 800	25	25	25	70	BT139F-500F BT139F-600F BT139F-800F	SOT186
16	500 600 800	50	50	50	100	BT139F-500G BT139F-600G BT139F-800G	SOT186
16	500 600 800	35	35	35	70	BT139X-500 BT139X-600 BT139X-800	SOT186A
16	500 600 800	25	25	25	70	BT139X-500F BT139X-600F BT139X-800F	SOT186A
16	500 600 800	50	50	50	100	BT139X-500G BT139X-600G BT139X-800G	SOT186A

## STANDARD TRIACS (continued)

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
25	500 600 800	35	35	35	70	BTA140-500 BTA140-600 BTA140-800	TO220AB

## HIGH COMMUTATION TRIACS

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT}$ MAX (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
8	600 800	50	50	50	-	BTA208-600B BTA208-800B	TO220AB
8	600 800	50	50	50	-	BTA208X-600B BTA208X-800B	SOT186A
12	600 800	50	50	50	-	BTA212-600B BTA212-800B	TO220AB
12	600 800	50	50	50	-	BTA212X-600B BTA212X-800B	SOT186A
16	600 800	50	50	50	-	BTA216-600B BTA216-800B	TO220AB
16	600 800	50	50	50	-	BTA216X-600B BTA216X-800B	SOT186A
25	600 800	50	50	50	-	BTA225-600B BTA225-800B	TO220AB

## HIGH NOISE IMMUNITY TRIACS

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT}$ MIN-MAX (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
16	500 600 800	10-50	10-50	10-50	10-100	BT139-500H BT139-600H BT139-800H	TO220AB
16	500 600 800	10-50	10-50	10-50	10-100	BT139F-500H BT139F-600H BT139F-800H	SOT186
16	500 600 800	10-50	10-50	10-50	10-100	BT139X-500H BT139X-600H BT139X-800H	SOT186A

## SENSITIVE GATE TRIACS

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
1	500 600	10	10	10	25	BT134W-500E BT134W-600E	SOT223
4	500 600 800	10	10	10	25	BT134-500E BT134-600E BT134-800E	SOT82
4	500 600 800	10	10	10	25	BT136-500E BT136-600E BT136-800E	TO220AB
4	500 600 800	10	10	10	25	BT136F-500E BT136F-600E BT136F-800E	SOT186
4	500 600 800	10	10	10	25	BT136X-500E BT136X-600E BT136X-800E	SOT186A
8	500 600 800	10	10	10	25	BT137-500E BT137-600E BT137-800E	TO220AB
8	500 600 800	10	10	10	25	BT137F-500E BT137F-600E BT137F-800E	SOT186
8	500 600 800	10	10	10	25	BT137X-500E BT137X-600E BT137X-800E	SOT186A
12	500 600 800	10	10	10	25	BT138-500E BT138-600E BT138-800E	TO220AB
12	500 600 800	10	10	10	25	BT138F-500E BT138F-600E BT138F-800E	SOT186
12	500 600 800	10	10	10	25	BT138X-500E BT138X-600E BT138X-800E	SOT186A
16	500 600 800	10	10	10	25	BT139-500E BT139-600E BT139-800E	TO220AB
16	500 600 800	10	10	10	25	BT139F-500E BT139F-600E BT139F-800E	SOT186
16	500 600 800	10	10	10	25	BT139X-500E BT139X-600E BT139X-800E	SOT186A

## LOGIC LEVEL TRIACS

$I_{T(RMS)}$ (A)	$V_{DRM}$ (V)	$I_{GT} \text{ MAX}$ (mA)				TYPE NUMBER	ENVELOPE
		T2+ G+	T2+ G-	T2- G-	T2- G+		
1	500 600	5	5	5	10	BT134W-500D BT134W-600D	SOT223
1	500 600	5	5	5	10	BT134-500D BT134-600D	SOT82
4	500 600	5	5	5	10	BT136-500D BT136-600D	TO220AB
4	500 600	5	5	5	10	BT136F-500D BT136F-600D	SOT186
4	500 600	5	5	5	10	BT136X-500D BT136X-600D	SOT186A
8	500 600	5	5	5	10	BT137-500D BT137-600D	TO220AB
8	500 600	5	5	5	10	BT137F-500D BT137F-600D	SOT186
8	500 600	5	5	5	10	BT137X-500D BT137X-600D	SOT186A