

RECTIFIER DIODES

«SUPERSWITCH 2» ULTRA-FAST RECOVERY RECTIFIER DIODES < 100 A

 $V_{RRM} = 200, 300, 400 \text{ V}$ $t_{rr} \text{ max } 25...50 \text{ ns}$

Type	I_O (A)	V_{RRM} (V)	I_{FSM} 10 ms (A)	V_F / I_F max (V) (A)	I_R/V_{RRM} $T_j = 100^\circ\text{C}$ max (mA)	t_{rr} (1) max (ns)	t_{IRM} $T_j = 100^\circ\text{C}$ max (ns)	I_{RM} $T_j = 100^\circ\text{C}$ max (A)	Package
BYT 01-200 BYT 01-300 BYT 01-400	1	200 300 400	30	1.5 1	0.5	25	50	2	F 126
BYT 03-200 BYT 03-300 BYT 03-400	3	200 300 400	60	1.5 3	0.5	25	50	2	DO 27 A
BYT 08P-200 A BYT 08P-300 A BYT 08P-400 A	8	200 300 400	100	1.5 8	2.5	35	75	2.2	DO 220
BYT 08PI-200 BYT 08PI-300 BYT 08PI-400	8	200 300 400	100	1.5 8	2.5	35	75	2.2	DO 220 I
BYT 12-200, (R) BYT 12-300, (R) BYT 12-400, (R)	12	200 300 400	200	1.5 12	2.5	50	75	3.75	DO 4 (2)
BYT 16P-200 BYT 16P-300 BYT 16P-400	16 (2 × 8)	200 300 400	100	1.5 8	2.5	35	75	2.2	TO 220
BYT 30PI-200 BYT 30PI-300 BYT 30PI-400	30	200 300 400	350	1.5 30	6	50	75	9	DOP 3I
BYT 30P-200 BYT 30P-300 BYT 30P-400	30	200 300 400	350	1.5 30	6	50	75	9	DOP 3
BYT 30-200, (R) BYT 30-300, (R) BYT 30-400, (R)	30	200 300 400	500	1.5 30	6	50	75	9	DO 5 (3)
BYT 230PI(V)-200 BYT 230PI(V)-300 BYT 230PI(V)-400	60 (2 × 30)	200 300 400	350	1.5 30	6	50	75	9	ISOTOP See note 1
BYT 60P-200 BYT 60P-300 BYT 60P-400	60	200 300 400	550	1.5 60	10	50	75	18	DOP 3
BYT 60-200, (R) BYT 60-300, (R) BYT 60-400, (R)	60	200 300 400	800	1.5 60	10	50	75	18	DO 5 (3)
N BYT 261PI(V)-400	120 (2 × 60)	400	600	1.4 60	6	50	75	18	ISOTOP See note 1

 (1) $I_F = 0.5 \text{ A}$ $I_R = 1 \text{ A}$ $I_{rr} = 0.25 \text{ A}$.

(2) 10-32 UNF : M5 thread available on request → Type number + suffix M.

(3) 1/4"-28 UNF : M6 thread available on request → Type number + suffix M.

Type number : cathode to case.

Type number + suffix R : anode to case.

 Note 1 : BYT 230PI → ISOTOP (Faston version).
 BYT 230PIV → ISOTOP V (Screw version).

N : New product.