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## Discrete IGBTs

### General Purpose

Device Number	Maximum Ratings, $T_c = 25^\circ\text{C}$				Electrical Characteristics				Package	
	$V_{CES}$ (V)	$I_C$ (A)	$P_D$ (W)	$V_{GES}$ (V)	$V_{CE(SAT)}$ (V)		$V_{GE(th)}$ (V) Typ.	$t_{f(max)}$ ( $\mu\text{S}$ )	Outline	Page
					Typ.	Max.				
CT30SM-12	600	30	250	$\pm 20$	2.5	3.0	6	0.3	TO-3P	24
CT75AM-12	600	75	300	$\pm 20$	2.5	3.0	6	0.3	TO-3PL	24
CT15SM-24	1200	15	250	$\pm 20$	2.7	3.6	6	0.3	TO-3P	24

### Resonant Switching Applications

Device Number	Maximum Ratings, $T_c = 25^\circ\text{C}$				Electrical Characteristics				Package	
	$V_{CES}$ (V)	$I_C$ (A)	$P_D$ (W)	$V_{GES}$ (V)	$V_{CE(SAT)}$ (V)		$V_{GE(th)}$ (V) Typ.	$t_{f(max)}$ ( $\mu\text{S}$ )	Outline	Page
					Typ.	Max.				
CT60AM-20	1000	60	250	$\pm 20$	2.6	3.5	4	0.3	TO-3PL	24
CT60AM-18F	900	60	180	$\pm 25$	2.1	2.7	4	0.2	TO-3PL	24

### Strobe Flash Applications

Device Number	Maximum Ratings, $T_c = 25^\circ\text{C}$						Package	
	$V_{CES}$ (V)	$I_{CM}$ (A)	$V_{GEM}$ (V)	$V_{GE(th)}$ (V)	$I_{CES}$ ( $\mu\text{A}$ )	Drive $V_{GE}$ (V)	Outline	Page
CT20ASJ-8	400	130	$\pm 8$	1.5	10	4	MP-3	23
CT20ASL-8	400	130	$\pm 16$	4.0	10	12	MP-3	23
CT20TM-8	400	130	$\pm 40$	7.0	10	30	TO-220F	24
CT20VM-8	400	130	$\pm 40$	7.0	10	12	TO-220C	24
CT20VML-8	400	130	$\pm 16$	2.0	10	12	TO-220C	24
CT20VS-8	400	130	$\pm 40$	7.0	10	30	TO-220S	23
CT20VSL-8	400	130	$\pm 16$	2.0	10	12	TO-220S	23
CY20AAJ-8	400	130	$\pm 8$	1.5	10	4	SOP-8	25
CT25AS-8	400	150	$\pm 40$	7.0	10	30	MP-3	23
CT25ASJ-8	400	150	$\pm 8$	1.5	10	4	MP-3	23
CY25AAJ-8	400	150	$\pm 8$	1.5	10	4	SOP-8	25
CT30TM-8	400	180	$\pm 40$	7.0	10	30	TO-220F	24
CT30VM-8	400	180	$\pm 40$	7.0	10	30	TO-220C	24
CT30VS-8	400	180	$\pm 40$	7.0	10	30	TO-220S	23
CT35SM-8	400	200	$\pm 40$	7.0	10	30	TO-3P	24
CT40TMH-8	400	200	$\pm 40$	7.0	10	30	TO-220F	24