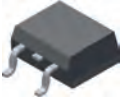






# Ignition IGBTs and Relevant Peripheral Components

Part Number	$BV_{CES}$	$I_{Cmax}$	$V_{CE(sat)}$	$E_{AS}$	Fig. No.	Package style
	@ $I_C$					
		V	A	V	mJ	
NGD8205ANT4G	350	20	1.30	250	L004	L004 <b>TO-252AA</b> 
NGD18N40ACLBT4G	400	18	1.80	400		
NGD8201ANT4G	400	20	1.30	250		
NGD8201BNT4G	400	20	1.50	435		
NGD15N41ACL4G	410	15	1.90	250		
NGD8209NT4G	410	12	1.80	274		
NGD18N45CLBT4G	450	18	2.07	360		
NGB8207ABNT4G	365	20	1.75	500	L011b	L011b <b>TO-263AB</b> 
NGB8206ANTF4G	350	20	1.30	250		
NGB8207BNT4G	365	20	1.50	500		
NGB8204ANT4G	400	18	1.80	400		
NGB8202ANT4G	400	20	1.30	250		
NGB18N40ACLBT4G	400	18	1.80	400		
NGB15N41ACL4G	410	15	1.90	250		
NGB8245NT4G	450	20	1.10	158		


## TVS Diodes for Ignition Applications

Part Number	$V_R$ Range		$P_{PP}$ 10x1000 $\mu$ s	$P_{PP}$ 10x15ms	Fig. No.	Package style
	min.	max.				
		V	V	V	mJ	
TPSMB	5.8	468	600	2200 load dump	L003a	L003a/b <b>TO-214AA/AB</b> 
TPSMB-VR	6.5	150	600		L003b	
TPSMC	10.2	77.8	1500		L007	
TPSMD	10.0	85	3000		L007	
SLD8S	12.0	57	7000		L007	
						L007 <b>SMT0-263</b> 

## Resettable PTCs for Ignition Applications

Part Number	Current @ 0°C		Current @ 25°C		Current @ 60°C		Time to Trip max.	Resistance @ 25°C		Tripped State Power Dissipation max.	Fig. No.	Package style
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		min.	max.			
	A	A	A	A	A	A		$\Omega$	$\Omega$			
nanoASMD016F-2	0.18	0.7	0.16	0.45	0.012	0.028	0.3	1.1	5	0.5	L008	L008 1206 

## Fuses for Ignition Applications

Part Number	Current	Voltage max.	Resistance $\Omega$	Melting $I^2t$	Voltage Drop at Rated Current V	Dissipation at Rated Current W	Fig. No.	Package style
		A	V	$\Omega$	$A^2s$	V	W	Outline drawings on pages O-36...O-59
440A Series	A	V	$\Omega$	$A^2s$	V	W		
0440 005.WRA	5	32	12	4.761	0.0654	0.327	L008	L008  1206
0440 007.WRA	7		7.53	8.464	0.0696	0.487		
0440 008.WRA	8		6.34	12.95	0.0655	0.524		