

### Ignition IGBTs



Product Name	Ignition IGBT, N-Channel, 20 A, 350 V	Ignition IGBT, N-Channel, 20 A, 350 V	Ignition IGBT, N-Channel, 20 A, 365 V	Ignition IGBT, N-Channel, 20 A, 365 V	Ignition IGBT, N-Channel, 18 A, 400 V	Ignition IGBT, N-Channel, 18 A, 400 V	Ignition IGBT, N-Channel, 20 A, 400 V	Ignition IGBT, N-Channel, 15 A, 410 V	Ignition IGBT, N-Channel, 20 A, 450 V	Ignition IGBT, N-Channel, 20 A, 350 V	Ignition IGBT, N-Channel, 18 A, 400 V	Ignition IGBT, N-Channel, 20 A, 400 V	Ignition IGBT, N-Channel, 20 A, 400 V	Ignition IGBT, N-Channel, 15 A, 410 V	Ignition IGBT, N-Channel, 12 A, 410 V	Ignition IGBT, N-Channel, 18 A, 450 V
Part Number	NGB8206AN	NGB8206A	NGB8207B	NGB8207AB	NGB8204AN	NGB18N40A	NGB8202A	NGB15N41	NGB8245	NGD8205A	NGD18N40	NGD8201A	NGD8201B	NGD15N41	NGD8209	NGD18N45
Package	D2PAK	D2PAK	D2PAK	D2PAK	D2PAK	D2PAK	D2PAK	D2PAK	D2PAK	DPAK	DPAK	DPAK	DPAK	DPAK	DPAK	DPAK
TYP BV <sub>CE(sat)</sub> @ I <sub>C</sub> (V)	350	350	365	365	400	400	400	410	450	350	400	400	400	410	410	450
I <sub>C,max</sub> (A)	20	20	20	20	18	18	20	15	20	20	18	20	20	15	12	18
V <sub>CE(sat)</sub> (V)	1.3	1.3	1.5	1.75	1.8	1.8	1.3	1.9	1.1	1.3	1.8	1.3	1.5	1.9	2	2.07
E <sub>AS</sub> (mJ)	250	250	500	500	400	400	250	250	158	250	400	250	435	250	274	360

### TVS Diodes



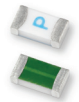
Series	TPSMB	TPSMB-VR	TPSMC	TPSMD	SLD8S
Reverse Standoff Voltage V <sub>R</sub>	5.8-468	6.5-150	10.2-77.8	10-85	12-57
Peak Pulse Power Range (P <sub>pp</sub> 10x1000µs)	600W	600W	1500W	3000W	7000W
Peak Pulse Power Range (P <sub>pp</sub> 10x15ms)					2200W load dump

### Resettable PTCs



Product Name	SMD					
Series	nanoASMDC016					
Characteristics						
Current Ratings**	Amperes at 0°C		Amperes at 25°C		Amperes at 60°C	
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP
	0.18	0.7	0.16	0.45	0.12	0.28
Time to Trip**	Seconds at 25°C, 1.0A					
	MAX					
	0.3					
Resistance Values	Ohms at 25°C					
	MIN			MAX		
	1.1			5		
Tripped-State Power Dissipation**	Watts at 25°C, 48V					
	MAX					
	0.5					

### Fuses



Product Name	1206 High I2t Fuse		
Series	440A Series		
Characteristics			
Ampere Rating	5	7	8
Amp Code	5	7	8
Max Voltage Rating	32		
Nominal Resistance (Ohms)	0.012	0.0753	0.00634
Nominal Melting I2t (A2Sec)	4.761	8.464	12.95
Nominal Voltage drop at Rated Current (V)	0.0654	0.0696	0.0655
Nominal Dissipation At Rated Current (W)	0.327	0.487	0.524