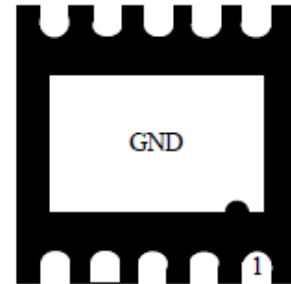




FEATURES

- Low clamping voltage
- Low capacitance: <3pF line-to-line
- Low operating voltages: 3.3V
- Small SLP package saves board space
- Solid-state technology



DFN2.6x2.6-10L

MAIN APPLICATIONS

- 10/100/1000 ethernet
- Integrated Magnetics
- Carrier Class Equipment
- Customer Premise Equipment
- T3/E3

PROTECTION SOLUTION TO MEET

- IEC61000-4-2 (ESD) $\pm 30\text{kV}$ (air), $\pm 30\text{kV}$ (contact)
- IEC61000-4-4 (EFT) 40A (5/50ns)
- IEC61000-4-5 (Lightning) 95A (8/20 μs)
- Bellcore 1089 (Intra-Building) 100A (2/10 μs)

Pin configuration

MECHANICAL CHARACTERISTICS

- JEDEC DFN2.6x2.6! 10L package
- Molding compound flammability rating : UL 94V-0
- Quantity per reel : 3,000pcs
- Lead finish : lead free
- Marking code:3302N+data code

ABSOLUTE MAXIMUM RATINGS (T_A=25°C, RH=45%-75%, unless otherwise noted)

Parameter	Symbol	Value	Unit
Peak pulse power dissipation at 2/10μs waveform	P _{PP}	2500	W
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V _{ESD}	+/- 30 +/- 30	kV
Lead soldering temperature	T _L	260 (10 sec.)	
Operating junction temperature range	T _J	-55 to +125	
Storage temperature range	T _{STG}	-55 to +150	


ELECTRICAL CHARACTERISTICS (T_A=25)

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse working voltage	V _{RWM}	Any pin to ground			3.3	V
Reverse breakdown voltage	V _{BR}	I _T =2μA pin to ground	3.5			V
Reverse holding voltage	V _H	I _H =50mA	2.8			V
Reverse leakage current	I _R	V _{RWM} =3.3V, T=25			1	μA
Clamping voltage	V _C	I _{PP} =95A, t _P =8/20μs Line to GND			16	V
	V _C	I _{PP} =100A, t _P =2/10μs Line to GND			22	V
	V _C	I _{PP} =100A, t _P =2/10μs Line to Line			25	V
Junction capacitance	C _J	V _{RWM} =0V, f=1MHz Between I/O pins		1	3	pF
		V _{RWM} =0V, f=1MHz I/O pin to GND		2.5	5	

REGULACIONES C E I C E T E A

TAPE AND REEL INFORMATION DFN2.6x2.6 10L

MARKING CODE

Part Number	Marking Code
JEU3302N	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p style="text-align: center;">3302N YYWW</p>  </div>

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