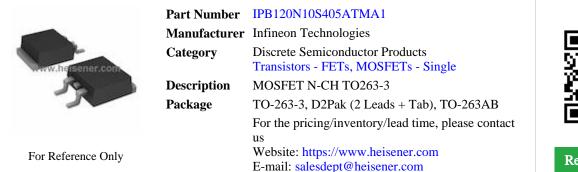


# **IPB120N10S405ATMA1**

### **IPB120N10S405ATMA1 Information**





Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# IPB120N10S405ATMA1 Specifications

Manufacturer Part Number	IPB120N10S405ATMA1	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
Series	Automotive, AEC-Q101, OptiMOS?	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	100V	
Current - Continuous Drain (Id) @ 25°C	120A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	10V	
Vgs(th) (Max) @ Id	3.5V @ 120µA	
Gate Charge (Qg) (Max) @ Vgs	91nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	6540pF @ 25V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	190W (Tc)	
Rds On (Max) @ Id, Vgs	5 mOhm @ 100A, 10V	
Operating Temperature	-55°C ~ 175°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	PG-TO263-3-2	
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
		Report errors?

## IPB120N10S405ATMA1 Guarantees



**Quality Guarantees** 

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### IPB120N10S405ATMA1 Payment Methods



If you have any question about IPB120N10S405ATMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com