

FDC6420C Information


For Reference Only

Part Number [FDC6420C](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET N/P-CH 20V 3A/2.2A SSOT-6
Package SOT-23-6 Thin, TSOT-23-6
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[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.


FDC6420C Specifications

Manufacturer Part Number	FDC6420C
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	SOT-23-6 Thin, TSOT-23-6
Series	PowerTrench?
FET Type	N and P-Channel
FET Feature	Logic Level Gate
Drain to Source Voltage (V _{ds})	20V
Current - Continuous Drain (I _d) @ 25°C	3A, 2.2A
R _{ds} On (Max) @ I _d , V _{gs}	70 mOhm @ 3A, 4.5V
V _{gs} (th) (Max) @ I _d	1.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	4.6nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	324pF @ 10V
Power - Max	700mW
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	SOT-23-6 Thin, TSOT-23-6
Supplier Device Package	SuperSOT?-6

[Report errors?](#)

FDC6420C 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.

FDC6420C Payment Methods



FDC6420C Shipping Methods



If you have any question about FDC6420C, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com