



# THE DATASHEET OF IRF3575DTRPBF



**Part:** IRF3575DTRPBF

**Description:** 60A Exposed Top Integrated Power Block is a single-phase synchronous buck converter with a pair of co-packed control and synchronous MOSFETs.

**Support Docs:** N/A


[Datasheet \(Access Restricted\)](#)

[Reliability Report](#)

Specifications	
Parameter	Value
Package	PQFN 6 x 6
Circuit	Dual N
BVDSS	25
VGs Max (V)	16
RDS(on) 4.5V N-Ch (mOhms)	1.35 (Q2)
RDS(on) 10V N-Ch (mOhms)	0.90 (Q2)
ID @ TC = 25C N-Ch (A)	303.0 (Q2)
ID @ TC = 70C N-Ch (A)	243.0 (Q2)
Qgd Typ N-Ch (nC)	5.2
Rth(JA) (C/W)	19.1
Part Status	Active and Preferred
Qual Level	Industrial
MSL	2
Environments Options	PbF

Packaging Options						
Product ID	Description	Status	Standard Pack	1K Budgetary Pricing (USD)	Qty	
IRF3575DTRPBF	Tape and Reel	Active	3000			

**Package Support Docs**



**PQFN 6mm x 6mm  
Dual Die**

- [Package Outline](#)
- [Tape and Reel](#)

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Part Search:

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