




NTMD4184PFR2G

Manufacturer Part Number	NTMD4184PFR2G
Manufacturer	onsemi
Allelco Part Number	32D-NTMD4184PFR2G
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	DUAL P-CHANNEL FETKY POWER MOSFE
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NTMD4184PF.pdf



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Specifications

NTMD4184PFR2G Tech Specifications
NTMD4184PFR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	3V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	360 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	4.2 nC @ 4.5 V
Supplier Device Package	8-SOIC	FET Type	P-Channel
Series	-	FET Feature	Schottky Diode (Isolated)
Rds On (Max) @ Id, Vgs	95mOhm @ 3A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	770mW (Ta)	Drain to Source Voltage (Vdss)	30 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Continuous Drain (Id) @ 25°C	2.3A (Ta)
Package	Bulk		

Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi NTMD4184PFR2G

Product Attribute	 NO PICTURE			
Part Number	NTMD4184PFR2G	NTMD4884NFR2G	NTMD4184P	NTMD2C02R2G
Manufacturer	onsemi	onsemi	AMI Semiconductor/onsemi	onsemi
Current - Continuous Drain (Id) @ 25°C	2.3A (Ta)	3.3A (Ta)	-	5.2A, 3.4A
FET Feature	Schottky Diode (Isolated)	Schottky Diode (Isolated)	-	Logic Level Gate
Rds On (Max) @ Id, Vgs	95mOhm @ 3A, 10V	48mOhm @ 4A, 10V	-	43mOhm @ 4A, 4.5V
Vgs(th) (Max) @ Id	3V @ 250µA	2.5V @ 250µA	-	1.2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	4.2 nC @ 4.5 V	4.2 nC @ 4.5 V	-	20nC @ 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-55°C ~ 150°C (TJ)
Supplier Device Package	8-SOIC	8-SOIC	-	8-SOIC
Package	Bulk	Tape & Reel (TR)	-	Tape & Reel (TR)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30 V	30 V	-	20V
Power Dissipation (Max)	770mW (Ta)	770mW (Ta)	-	-
Series	-	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	360 pF @ 10 V	360 pF @ 15 V	-	1100pF @ 10V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	-	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	-	-
Vgs (Max)	±20V	±20V	-	-
FET Type	P-Channel	N-Channel	-	-

NTMD4184PFR2G Datasheet PDF

Download NTMD4184PFR2G pdf datasheets and onsemi documentation for NTMD4184PFR2G - onsemi.

Datasheets


[NTMD4184PF.pdf](#)

Customers Also Interested in

Recommended Products



NTMD4184P

AMI Semiconductor/onsemi

**NTMD2C02R2G**onsemi
MOSFET N/P-CH 20V 8SOIC**NTMD3N08LR2G**

VBSEMI

**NTMD2P01R2G**onsemi
MOSFET 2P-CH 16V 2.3A 8SOIC**NTMD4840NR**

AMI Semiconductor/onsemi

**NTMD4884NFR2G**onsemi
MOSFET N-CH 30V 3.3A 8SOIC**NTMD4820NR2G MOS**

AMI Semiconductor/onsemi

**NTMD4840N**

AMI Semiconductor/onsemi

**NTMD3P03R2**onsemi
MOSFET PWR P-CHAN DUAL 30V 8SOIC**NTMD4184PF**

AMI Semiconductor/onsemi

**NTMD4840NR2G**onsemi
MOSFET 2N-CH 30V 4.5A 8SOIC**NTMD3N08LR2**onsemi
MOSFET PWR N-CHAN DUAL 80V 8SOIC**NTMD4820N**

AMI Semiconductor/onsemi

NTMD4820NR2Gonsemi
MOSFET 2N-CH 30V 4.9A 8SOIC**NTMD4873NFR2G**

AMI Semiconductor/onsemi

NTMD4102PR2G

VBSEMI

NTMD3N03

MOT

NTMD3P03R2Gonsemi
MOSFET 2P-CH 30V 2.34A 8SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Cost-Saving Procurement



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Contact us if you have any questions.



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