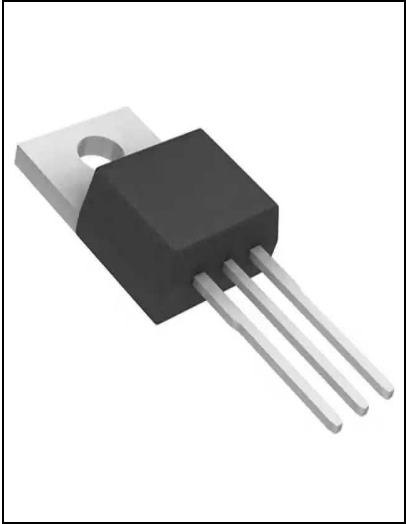




 COVID-19 Update

Product Index > Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single > ON Semiconductor FQP30N06L



Price & Procurement

13,962 In Stock

Can ship immediately

All prices are in USD.

PRICE BREAK	UNIT PRICE	EXTENDED PRICE
1	1.22000	\$1.22
10	1.09300	\$10.93
25	1.03720	\$25.93
100	0.77780	\$77.78
500	0.65932	\$329.66
1,000	0.53708	\$537.08
2,500	0.52967	\$1,324.18
5,000	0.50004	\$2,500.20

Import Tariff may apply to this part if shipping to the United States

FQP30N06L

Digi-Key Part Number	FQP30N06L-ND
Manufacturer	ON Semiconductor
Manufacturer Part Number	FQP30N06L
Description	MOSFET N-CH 60V 32A TO-220
Manufacturer Standard Lead Time	4 Weeks
Detailed Description	N-Channel 60V 32A (Tc) 79W (Tc) Through Hole TO-220-3

Product Attributes


TYPE	DESCRIPTION
Categories	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Manufacturer	ON Semiconductor
Series	QFET®
Packaging	Tube 
Part Status	Active
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	32A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Rds On (Max) @ Id, Vgs	35mOhm @ 16A, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	20nC @ 5V
Vgs (Max)	±20V
Input Capacitance (Ciss) (Max) @ Vds	1040pF @ 25V
FET Feature	-
Power Dissipation (Max)	79W (Tc)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220-3
Package / Case	TO-220-3
Base Part Number	FQP3

Environmental & Export Classifications

RoHS Status	ROHS3 Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)

Associated Product


ON Semiconductor | Gate Drivers




Energy Efficient Innovations

Explore Associated Gate Drivers

Frequently Bought Together




Thermal - Pads, Sheets
(205 Items)

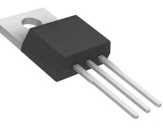


Thermal - Heat Sinks
(561 Items)

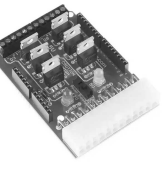
You May Also Be Interested In



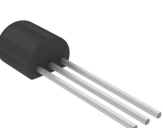
IRLZ44NPBF
MOSFET N-CH 55V 47A TO-220AB
Infineon Technologies
\$0.99000 [Details](#)



FQP27P06
MOSFET P-CH 60V 27A TO-220
ON Semiconductor
\$1.41000 [Details](#)



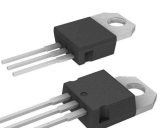
DEV-10618
POWER DRIVER SHIELD KIT
SparkFun Electronics
\$21.95000 [Details](#)



2N3904BU
TRANS NPN 40V 0.2A TO-92
ON Semiconductor
\$0.20000 [Details](#)



L7805CV
IC REG LINEAR 5V 1.5A TO220AB
STMicroelectronics
\$0.50000 [Details](#)



TIP120
TRANS NPN DARL 60V 5A TO-220
STMicroelectronics
\$0.64000 [Details](#)

Additional Resources