

N-Channel MOSFETs (>500V...900V); Package: PG-TO220-3; VDS (max): 600.0 V;  
 Package: TO-220; RDS(ON) @ TJ=25°C VGS=10: 220.0 mOhm; ID(max) @ TC=25°C:  
 20.7 A; IDpuls (max): 52.0 A; MOSFET COOL MOS N-CH 650V 20.7A

Manufacturers	<u>Infinion Technologies Corporation</u>
Package/Case	TO-220AB
Product Type	Transistors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for SPP20N60CFD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

CoolMOS™ is a revolutionary technology for high voltage power MOSFETs, designed according to the superjunction (SJ) principle and pioneered by Infineon Technologies. 600V CoolMOS™ CFD series combines the experience of the leading SJ MOSFET supplier with high class innovation.

### Replacement for CoolMOS™ CFD is 600V CoolMOS™ CFD7

*Characteristics and applications of CoolMOS™ CFD2*

Improved cost performance, light load efficiency and ease-of-use in EMI and low voltage overshoot. Soft switching resonant topologies with hard commutation requirements requiring a fast body diode.

Fourth series of CoolMOS™ market entry in 2004

Fast Body Diode,  $Q_{rr}$  1/10th of C3 series,  $V_{th}$  4 V,  $g_{fs}$  high,  $R_g$  low

Specific for phase-shift ZVS and DC-AC power applications

Improved efficiency

More efficient, more compact, lighter and cooler

Outstanding reliability with proven CoolMOS™ quality combined with high body diode ruggedness

Solar

Adapter

PC power

Consumer

Server

Telecom

## **Features**

Fourth series of CoolMOS™ market entry in 2004

Fast Body Diode, Q

rr

th

fs

g

Specific for phase-shift ZVS and DC-AC power applications

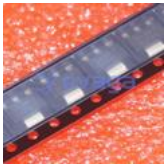
Improved efficiency

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## Related Products



### [BSP613P](#)

Infineon Technologies Corporation  
SOT-223



### [SPP07N65C3](#)

Infineon Technologies Corporation  
TO-220AB



### [SPP11N60C3XKSA1](#)

Infineon Technologies Corporation  
PG-TO220



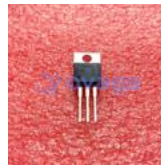
### [SPD03N60S5](#)

Infineon Technologies Corporation  
TO-252



### [SPP11N65C3](#)

Infineon Technologies Corporation  
TO-220



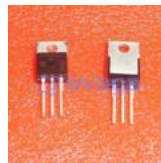
### [SPP07N60S5](#)

Infineon Technologies Corporation  
P-TO220-3-1



### [IRF640NSPBF](#)

Infineon Technologies Corporation  
PAK-3



### [SPP07N60C3](#)

Infineon Technologies Corporation  
TO-220AB