

## Product Overview

### CPH3457: N-Channel Power MOSFET 30V, 3A, 95mΩ

For complete documentation, see the data sheet.

CPH3457 is a N-Channel Power MOSFET, 30V, 3A, 95mΩ, Single CPH3 for General-Purpose Switching Device Application.

### Features

- ON-resistance  $R_{DS(on)1} = 73\text{m}\Omega$  (typ)
- 1.8V drive
- Protection diode in

### Applications

- This product is general usage and suitable for many different applications

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS(s)}$ Min (V)	$V_{GS}$ Max (V)	$V_{GS(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$R_{DS(on)}$ Max @ $V_{GS} = 2.5\text{V}$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5\text{V}$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10\text{V}$ (mΩ)	$Q_g$ Typ @ $V_{GS} = 4.5\text{V}$ (nC)	$Q_g$ Typ @ $V_{GS} = 10\text{V}$ (nC)	$C_{iss}$ Typ (pF)	Package Type
CPH3457-TL-W	0.0889	Pb-free Halide free	Active	N-Channel	Single	30	12	1.3	3	1	133	95	-	2.1	3.5	265	CPH-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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