



## Product Overview

### MCH4021: RF Transistor, 8V, 150mA, $f_T=16\text{GHz}$ , NPN Single MCPH4

For complete documentation, see the data sheet

#### Product Description

MCH4021 is RF Transistor, 8V, 150mA,  $f_T=16\text{GHz}$ , NPN Single MCPH4.

#### Features

- Low noise use :  $NF=1.2\text{dB}$  typ ( $f=1\text{GHz}$ )
- High cut-off frequency :  $f_T=16\text{GHz}$  typ ( $V_{CE}=5\text{V}$ )
- High gain : forward Transfer Gain= $17.5\text{dB}$  typ. ( $f=1\text{GHz}$ )

#### Part Electrical Specifications

Product	Compliance	Status	Polarity	$I_C$ Continuous (A)	$V_{(BR)CEO}$ Min (V)	$h_{FE}$ Min	$h_{FE}$ Max	$f_T$ Min (MHz)	$P_{TM}$ Max (W)	Package Type
MCH4021-TL-E	Pb-free	Active	NPN	0.15	8	60	150	16000	0.4	SC 82FL / MCPH4

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

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