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Min

2110

Typ/Nom

Orderable part number,

(Ordering code (12NC))

sym112

MSL

**Format** 

Date

MSL LF

BLF8G22LS-270J

(9340 673 92118)

Max

2170

Unit

MHz

Global / English ▼

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Symbol Parameter frequency range frange

Parametrics of this product

P <sub>L(1dB)</sub>	nominal output power at 1 dB gain compression			270		W	
Test signal	st signal: 2-c WCDMA						
Gp	power gain	$P_{L(AV)} = 80 \text{ W; } V_{DS} = 28 \text{ V}$	16.5	17.7		dΒ	
RLin	input return loss	$P_{L(AV)} = 80 \text{ W; } V_{DS} = 28 \text{ V; } I_{Dq} = 2400 \text{ mA}$		-17	-7	dΒ	
η <sub>D</sub>	drain efficiency	$P_{L(AV)} = 80 \text{ W; } V_{DS} = 28 \text{ V; } 2110 \text{ MHz} \le f \le 2170 \text{ MHz; } I_{Dq} = 2400 \text{ mA}$	26	30		%	
ACPR <sub>5M</sub>	adjacent channel power ratio (5 MHz)	$P_{L(AV)} = 80 \text{ W; } V_{DS} = 28 \text{ V; } 2110 \text{ MHz} \le f \le 2170 \text{ MHz; } I_{Dq} = 2400 \text{ mA}$		-29	-26.5	dBc	
Similar products							

All information on this product information page is subject to the subsequent disclaimers:

General product disclaimer

Quality and reliability disclaimer

Conditions

Reflow-Mave

soldering

Chemical content

# Package

Type number Package | version

Outline

⊕ sot502b\_po

gate

source

Title

Orderable part

BLF8G22LS-270J

BLF8G22LS-270U

number

Parametric search all 2.0 - 2.2 GHz transistors

BLF8G22LS-270

Parametrics series

2

Pin	Symbol	Description	Simplified outline	Gra	phic symbol	
Pinning infon						
	(SOT502B)		- S Bulk Pack Active	Standard Marking	BLF8G22LS-270U (9340 673 92112)	

Packing

Reel 13"

Q1/T1

**Product** 

status

Active

2

Marking

Standard

Marking

Leadfree conversion date

Type

Order

quantity

Inventory

date

Buy

online

Samples

Order samples

not available

Date

2012-12-18

 $\Box$  >

 $\Box$  >

 $\Box$  >

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ln

stock

## Type number Orderable part number

Quality, reliability & chemical content

G

BLF8G22LS-270	BLF8G22LS-270J	BLF8G22L8-270	EU/CN ROHS D	Always Pb-free	NA	NA	
BLF8G22LS-270	BLF8G22LS-270U	BLF8G22LS-270	EU/CN ROHS D	Always Pb-free	NA	NA	
Quality and reliability disclaimer							
Documentation for this product							

RoHS / RHF

# Download all documentation (zip)

File name

### Power LDMOS transistor BLF8G22LS-270 Data sheet pdf 2012-12-20 AN10896 Mounting and Soldering of RF transistors Application note pdf 2015-03-24 PCB\_Design\_BLF8G22LS-PCB Design BLF8G22LS-270 (Data sheet) 飮 Design support zip 2012-12-18 270\_Data-sheet Mounting and **★**T - fatigue\_in\_aluminum\_bond\_wires Fatigue in aluminum bond wires pdf 2009-10-08 soldering RF Manual 19th edition: Application and design 1 NXP\_RF\_manual\_19th\_edition Other type pdf 2015-05-19 manual for High Performance RF products May 2015 **★**T ⊕ sot502b\_po Outline drawing pdf 2007-05-08 earless flanged ceramic package; 2 leads **★**T CDFM2; blister pack; standard product orientation ⊕ SOT502B\_112 Packing pdf 2012-12-03 12NC ending 112 Ordering & availability

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Type number

BLF8G22LS-270

BLF8G22LS-270

Sample

Ordering code

9340 673 92118

9340 673 92112

(12NC)

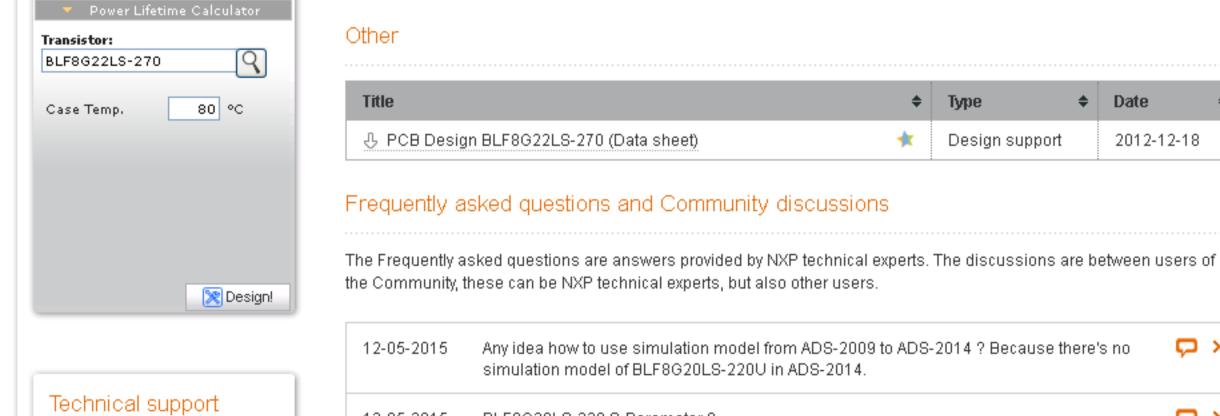
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NIP Design tools	Find an august to your decises an action of a thin many life qualitable your on find information in any NVD Comment Comments or			
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BLF8G20LS-220 S-Parameter?

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12-05-2015

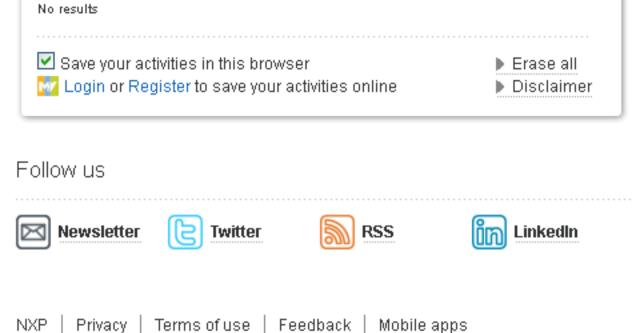
the author of that message and not of NXP.

12-05-2015 BLF8G20LS-220 S-Parameter? 12-05-2015 Any idea how to use simulation model from ADS-2009 to ADS-2014? Because there's no simulation model of BLF8G20LS-220U in ADS-2014.

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