

Туре	Ordering code	Last-time	Last-time	Replacement	DN Notice	Statue	Comments
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product

BUK9840-55/CU

RoHS / RHF

EU/CN RoHs COMPLIANT

RoHS / RHF

EU/CN RoHs COMPLIANT

Replacement

product

DN Notice

NXP-DN_201506035DN

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DN Notice

Comments

Gold Parts

replaced with

Copper Wire

MSL

1

MSL

1

MSL LF

MSL LF

1

Comments

Gold Parts

Date

2011-04-20

2010-03-17

2011-01-27

2012-10-29

2014-05-19

2015-07-07

2015-01-09

2015-08-07

2012-11-07

2009-10-08

2010-07-13

2009-10-08

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Go to the NXP Support Community

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Status

Version

Leadfree conversion date

Leadfree conversion date

Status

Format

pdf

Always Pb-free

week 35, 2003

Туре

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What is the FIT rate or wafer reliability data on the BUK9875-100A M MOSFET and what

What is the FIT rate or wafer reliability data on the BUK9875-100A M MOSFET and what

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Data sheet

Application note

Application note

Application note

Application note

Application note

Selection guide

Technical note

Reflow soldering

Wave soldering

Outline drawing

Packing

withdrawal

Quality and reliability disclaimer Discontinuation information

number

BUK9840-55

Type number

Type number

BUK9840-55

Type

number

File name

⊕ BUK9840-55

AN10273

AN10874

⊕ AN11243

AN11261

AN11599

3 75017631

⊕ LN000008

⊕ sot223_fw

⊕ sot223_po

BUK9840-55/CU

(12NC)

Quality, reliability & chemical content

934045320115

buy date

31-Dec-15

Last-time

buy date

Title

ruggedness rating

MOSFETs

115

4 leads

20-08-2015

13-08-2015

13-08-2015

11-08-2015

11-08-2015

Using RC Thermal Models

Using power MOSFETs in parallel

Footprint for reflow soldering SOT223

Footprint for wave soldering SOT223

Orderable part number

BUK9840-55/CUX

Orderable part number

BUK9840-55,115

Ordering code

(12NC)

delivery date

30-Jun-16

Chemical content

BUK9840-55/CU

Chemical content

Last-time

N-channel TrenchMOS logic level FET

LFPAK MOSFET thermal design guide

Power MOSFET single-shot and repetitive avalanche

Failure signature of Electrical Overstress on Power

Discretes Semiconductors Selection Guide 2015

Power MOSFET frequently asked questions and answers

Tape reel SMD; standard product orientation 12NC ending

plastic surface-mounted package with increased heatsink;

delivery date

BUK9840-55

The variants in the table below are discontinued. See the table Discontinuation information at the bottom of this page for more information.

9UK9840-55	934045320115	31-Dec-15	30-Jun-16	BUK9840-55/CU	DN NXP-DN_201506035DN	Version withdrawal	replaced with Copper Wire
ocumentatio	n for this produc	ot					
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	cumentatio	cumentation for this produc	cumentation for this product	UK9840-55 934045320115 31-Dec-15 30-Jun-16 BUK9840-55/CU NXP-DN_201506035DN withdrawal			

⊕ AN11113	LFPAK MOSFET thermal design guide - Part 2	I T	Application note	pdf	2011-11-16
	Understanding power MOSFET data sheet parameters	I T	Application note	pdf	2014-02-04
⊕ AN11160	Designing RC Snubbers	r	Application note	pdf	2012-10-01
	Using Power MOSFET Zth Curves	I T	Application note	pdf	2012-10-10
	ひ AN11160	凸 AN11160 Designing RC Snubbers	凸 AN11160 Designing RC Snubbers ★	ひ AN11160 Designing RC Snubbers ★ Application note	ひ AN11160 Designing RC Snubbers ★ Application note pdf

⊕ SOT223_115 ⊕ sot223_fr

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Type number		Orderable part number	Region	Distributor	ln stock		ler intity	Inventory date	Buy online	Samples

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following options:	The Frequently asked questions are answers provided by NXP technical experts. The discussions are between users of
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Is there a SPICE model for BUK9875-100A?

Is there a SPICE model for BUK9875-100A?

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Defect BUK9840-55

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