

UM10559

BFU6xx/BFU7xx Transistor Starter Kit Users Manual

Rev. 1.0 — 21 March 2012

User manual

Document information

Info	Content
Keywords	BFU610F, BFU630F, BFU660F, BFU690F, BFU710F, BFU725F/N1, BFU730F, BFU760F, BFU790F, Starter Kit, OM7827
Abstract	This document outlines the contents of the BFU6xx/BFU7xx Transistor Starter Kit



Revision history

Rev	Date	Description
1.0	2012/03/21	Initial release

Contact information

For more information, please visit: <http://www.nxp.com>

For sales office addresses, please send an email to: salesaddresses@nxp.com

1. Introduction

1.1 Starter Kit Overview

The 6th and 7th Generation RF Transistor Starter is intended to give engineers a head start on designs by providing the tools needed to design and prototype circuits before releasing their PCBs to fab. This document outlines what is included in the kit and associated PCB document package.

1.2 Support

The latest documentation can be found at:

www.nxp.com/KITBFU

Support questions can be directed to:

rfssapps.americas@nxp.com

2. Starter Kit Contents

2.1.1 Evaluation kit hardware content

1x RF Transistor Sample kit (5 pcs. each device)

6th Gen: BFU610F, BFU630F, BFU660F, BFU690F

7th Gen: BFU710F, BFU725F/N1, BFU730F, BFU760F, BFU790F

3x Standard PCB with feedback option (Unpopulated)

3x Emitter Degeneration PCB with feedback option (Unpopulated)

6x SMA Connectors

2.1.2 PCB Design Files (Available Online)

Standard PCB with Feedback Option

Schematic (Rev 1)

OrCad Layout Files (Rev 1)

PCB Artwork (Rev 1)

Component Layout (Rev 1)

Emitter Degeneration PCB with Feedback Option

Schematic (Rev 1)

OrCad Layout Files (Rev 1)

PCB Artwork (Rev 1)

Component Layout (Rev 1)

2.1.3 Additional Resources

Device models, datasheets and application notes for the individual models can be found online and www.nxp.com or on the starter kit web page:

www.nxp.com/KITBFU

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4. Contents

1.	Introduction	3
1.1	Starter Kit Overview	3
1.2	Support	3
2.	Starter Kit Contents	3
2.1.1	Evaluation kit hardware content	3
2.1.2	PCB Design Files (Available Online).....	3
2.1.3	Additional Resources	3
3.	Legal information	4
3.1	Definitions	4
3.2	Disclaimers.....	4
3.3	Licenses.....	4
3.4	Patents.....	4
3.5	Trademarks.....	4
4.	Contents.....	5

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