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Release Note

Difference between SIM7500A and SIM7600A

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Category

Revision History	4
1 Introduction	5
2 Differences of Operating Bands.....	5
3 Differences of Components	5
4 Difference of PCB Layout.....	6

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Revision History

Data	Version	Description of change	Author
2017-09-19	1.01	Original	Guoqiang Wang

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1 Introduction

This document is targeted for customers to understand the difference between the SIM7500A and SIM7600A. It lists the differences between SIM7500A module and SIM7600A module.

2 Differences of Operating Bands

SIM7500A and SIM7600A supports the same operating bands.

Standard	Frequency	SIM7500A	SIM 7600A
WCDMA	B2	✓	✓
	B5	✓	✓
LTE	B2	✓	✓
	B4	✓	✓
	B12	✓	✓

3 Differences of Components

Because no difference of operating bands between the SIM7500A and SIM7600A module, so no difference of components between the SIM7500A and SIM7600A.

4 Difference of PCB Layout

SIM7600A is just the size scaled version of SIM7500A, the schematic is same as SIM7500A, and the PCB components placement and layout are same as SIM7500A also. As shown in the following figure, for SIM7600A, there is no extra component in the shadowed area. The only two differences of SIM7500A and SIM7600A:

- 1: The size is enlarged from 24x27 to 30x30 to back up compatible to SIM7100A and other SIMCom modules;
- 2: The form factor is changed from LGA to LCC.

