

IBIS/HSpice Model Quality Report

Description: 2 Gbit NOR Serial Flash

Marketing device name(s): MT35XL02GCBAxx12-xxTT (PP=package code, TT=temperature code)

Package description: 24-ball 6x8x1.2mm TBGA, 5x5 ball grid

Valid speed grades: DDR at 200MHz (400MB/s). SDR at 166MHz (166MB/s).

Datasheet link: https://www.micron.com/~/media/documents/products/data-sheet/nor-flash/serial-nor/mt35x_octal/die-rev-a/mt35x_qlka_1_02g_cba_0.pdf

Zip filename: IBIS_MT35XL02GCBA.zip

EBD filename (package model): mt35xl02gcba.ebd **File rev:** 2.0

IBIS filename (IC model): mt35xl512aba_it.ibs **Component:** MT35XL512ABA_bd **File rev:** 2.1

IBIS filename (IC model): mt35xl512aba_at.ibs **Component:** MT35XL512ABA_bd **File rev:** 2.1

Date: October 12, 2016

E-mail modelsupport@micron.com for questions regarding Quality Report.

Device Parameters

VDD – Slow: 2.7 **Typical:** 3.0 **Fast:** 3.6

Junction Temperature (Industrial) - Slow: 100 **Typical:** 50 **Fast:** -40

Junction Temperature (Industrial) - Slow: 120 **Typical:** 50 **Fast:** -40

IBIS Quality Reports

1. ☒ Include the IBIS Quality Specification 2.0 Overall IBIS Quality level. For details on IBIS Quality, reference the quality specification and quality checklist on IBIS quality webpage http://www.eda.org/pub/ibis/quality_wip/. Include the filenames of the bare die IBIS Quality Reports and IBIS Quality Checklists that accompany this report.

IBIS filename (IC model): **mt35xl512aba_it.ibs** Component: **MT35XL512ABA_bd** File rev: **2.1**

IBIS filename (IC model): **mt35xl512aba_at.ibs** Component: **MT35XL512ABA_bd** File rev: **2.1**

Overall IBIS Quality Level: **3MS**

Exceptions:

Filename for Quality Report file: **mt35xl512aba_ext_model_quality_rpt.pdf**

Filename for Checklist file: **mt35xl512aba_ibis_quality_checklist.xlsx**

IBIS MODEL Correlation

Measurement correlation

1. ☒ Compare C_comp with measured C_comp.

Comments:

Document Revision History

Rev **1.0** - Date **October 30, 2015**

- a. IBIS EBD Zip File revision **1.0**

Rev **2.0** - Date **December 12, 2016**

- a. IBIS EBD Zip File revision **2.0**