

Product Change Notification

Change Notification #: 201402-01

Change Title: com.tom BASIC 2.0 – Product Version V2.0

Date of Publication: August 13, 2014

Key Characteristics of Change:

Hardware Change

Impact of Change:

Function enhancements and changes (relevant only for programming)

Affected products:

Ordering Code:	Description:
570596	Gateway COM.TOM BASIC 2.0

Identification of changed part:

Nameplate with V2.0

Package printing with V2.0

IPC@CHIP programmed "Product hardware revision" with 01

Description of Change to the Customer:

The Gateway COM.TOM BASIC 2.0 will change some internal I/O signals – controlled by MPC23S17.

All 570785570596 - Gateway COM.TOM BASIC 2.0 will be delivered after the mentioned date with this new revision off-the-shelf.

Functional enhancements:

- I2C-RTC

 - I2C bus address 0x64; Ricoh R2221T

- Power Fail Support

 - IPC@CHIP PFI PFail Interrupt is activated for supply voltages less than 18V

Functional changes:

I/O signals connected via IO-Expander

RS232/422/485	COM0 of the CPU	GPA7: max. baud rate
LED	Status LEDs	GPA0 – GPA3: Status A – D
Button	Accessible Button	GPA4: non-actuated state = High



Reason for Change

Functional enhancements.

Customer Impact of Change and Recommended Action:

Due the changes of the I/O signal the application software has to be adapted.

Forecasted Key Milestones:

Date of qualification samples availability:	August 13, 2014
Date of first proposed shipment:	August 13, 2014

Reference Documents / Attachments:

Documents:	Location:
com.tom HW-manual V1.40	com.tom HW-manual V1.50

PCN Revision History

Date of Revision:	Revision Number:	Reason:
August 13, 2014	01	Originally Published PCN

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