



## Product Change Notice

**Notice: #140804 BCM & VTM Change to Specifications**

**Date: August 4, 2014**

### To Our Valued Customer:

We appreciate your use of VI Chip products. Our commitment to customer satisfaction is demonstrated by our notification to you of the following change.

### Description:

To more accurately describe product performance, the following specifications have been changed for the listed products.

### Products Affected:

#### 48 to 3 Volt BCM and VTM

Products	
BCM48BF030M210A00	VTM48EF030M070A00
BCM48BF030T210A00	VTM48EF030T070A00
BCM48BT030M210A00	VTM48ET030M070A00
BCM48BT030T210A00	VTM48ET030T070A00

Specifications	Previous	New
MAX Output Resistance ROUT_ AMB (mΩ)	1.9	2.2
MAX Output Resistance ROUT_ HOT (mΩ)	2.2	2.4

#### 48 to 8 Volt BCM and VTM

Products			
B048F080M24A	BCM48BF080M240A00	V048F080T030A	VTM48EF080M030A00
B048F080T24A	BCM48BF080T240A00	V048F080M030A	VTM48EF080T030A00
B048T080M24A	BCM48BT080M240A00	V048T080T030A	VTM48ET080M030A00
B048T080T24A	BCM48BT080T240A00	V048T080M030A	VTM48ET080T030A00

Specifications	Previous	New
MAX Output Resistance ROUT_ COLD (mΩ)	7.0	8
MAX Output Resistance ROUT_ AMB (mΩ)	9.0	10
MAX Output Resistance ROUT_ HOT (mΩ)	9.5	12
MIN Efficiency 50% Load AMB (%)	94.5	94.0
MIN Efficiency 100 % Load, Low Line AMB (%)	93.0	92.0



#### **48 to 9.6 Volt BCM and VTM**

<b>Products</b>			
B048F096M24A	BCM48BF096M240A00	V048F096M025A	VTM48EF096M025A00
B048F096T24A	BCM48BF096T240A00	V048F096T025A	VTM48EF096T025A00
B048T096M24A	BCM48BT096M240A00	V048T096M025A	VTM48ET096M025A00
B048T096T24A	BCM48BT096T240A00	V048T096T025A	VTM48ET096T025A00

<b>Specifications</b>	<b>Previous</b>	<b>New</b>
MAX Output Resistance ROUT_COLD (mΩ)	7.5	10
MAX Output Resistance ROUT_AMB (mΩ)	10.0	12
MAX Output Resistance ROUT_HOT (mΩ)	12.0	14
MIN Efficiency 100 % Load, Low Line AMB (%)	95.0	94.5

#### **48 to 12 Volt BCM and VTM**

<b>Products</b>	
BCM48BF120M300A00	VTM48EF120M025A00
BCM48BF120T300A00	VTM48EF120T025A00
BCM48BT120M300A00	VTM48ET120M025A00
BCM48BT120T300A00	VTM48ET120T025A00

<b>Specifications</b>	<b>Previous</b>	<b>New</b>
MAX Output Resistance ROUT_COLD (mΩ)	9.0	12
MAX Output Resistance ROUT_AMB (mΩ)	13.4	14
MAX Output Resistance ROUT_HOT (mΩ)	14.0	16

#### **Schedule / Date codes:**

This change is effective to all listed products as of August 4, 2014 (date code 1432) or later.

#### **Actions Required:**

Customers should review data sheets for specification changes, and contact applications with any questions.

#### **Technical Marketing contact:**

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