



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**Notification# 20190111000.0.A  
Datasheet for AM3352  
Information Only**

**Correction: Rev A is being issued to include additional affected devices.**

**Date:** February 12, 2019  
**To:** TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for a device that is currently offered by Texas Instruments.

The changes discussed within this notification are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Team ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services


## Information Only Attachments

### Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
AM3352BZCZD80	null
AM3357BZCZD60	null
AM3352BZCZ100	null
AM3356BZCZA80	null
AM3357BZCZA80	null
AM3357BZCZD30	null
AM3352BZCZA100	null
AM3352BZCZD60	null
AM3352BZCZ60	null
AM3354BZCZD80	null
AM3354BZCZA80	null
AM3358BZCZA100	null
AM3352BZCZ80	null
AM3352BZCZ30	null
AM3352BZCZA80	null
AM3352BZCZA60	null
AM3354BZCZA100	null
AM3357BZCZA60	null
AM3359BZCZA80	null
AM3352BZCZD30	null
AM3351BZCE30	null

Technical details of this Product Change follow on the next page(s).

<b>PCN Number:</b>	20190111000.0.A	<b>PCN Date:</b>	Feb. 12, 2019
<b>Title:</b>	Datasheet for AM3352		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process
<b>Notification Details</b>			
<b>Description of Change:</b>			
<p>Texas Instruments Incorporated is announcing an information only notification.  The product datasheet(s) is being updated as summarized below.  The following change history provides further details.</p>			
<p><b>Correction: Rev A is being issued to include additional affected devices.</b></p>			
		<p>AM3359, AM3358, AM3357, AM3356, AM3354, AM3352, AM3351</p> <p><small>SPRS717K – OCTOBER 2011 – REVISED DECEMBER 2018</small></p>	

Changes from April 1, 2016 to December 15, 2018 (from J Revision (April 2016) to K Revision)	Page
• Updated/Changed OTG to DRD (Dual-Role Device) .....	<a href="#">2</a>
• Removed OpenVG 1.0 .....	<a href="#">2</a>
• Updated Description text .....	<a href="#">4</a>
• Updated/Changed "OTG" to "DRD" .....	<a href="#">5</a>
• Removed 600 MHz from Frequency and 1200 from MIPS for AM3359 .....	<a href="#">8</a>
• Added DEV_FEATURE register value to Device Comparison .....	<a href="#">9</a>
• Added 125°C Latch-up performance info .....	<a href="#">79</a>
• Updated DDR3/DDR3L maximum frequency for industrial extended temperature .....	<a href="#">82</a>
• Added Industrial Extended operating temperature range .....	<a href="#">85</a>
• Updated/Changed footnote for Output Capacitor Characteristics from "RTC_KLDO_ENn" to "RTC_KALDO_ENn" ..	<a href="#">94</a>
• Added ADC clock frequency to TSC_ADC Electrical Parameters .....	<a href="#">97</a>
• Updated Sampling Dynamics section of TSC_ADC Electrical Parameters table .....	<a href="#">97</a>
• Added new footnotes .....	<a href="#">99</a>
• Added DCAN Timing Conditions .....	<a href="#">116</a>
• Added DMTimer Timing Conditions .....	<a href="#">117</a>
• Remove NO. 4, Transition time, MDC .....	<a href="#">118</a>
• Updated Switching Characteristics for MDIO_DATA .....	<a href="#">119</a>
• Removed content from Switching Characteristics for RMII[x]_TXD[1:0], and RMII[x]_TXEN - RMII Mode .....	<a href="#">123</a>
• Removed Transition time, RD and Transition time, RX_CTL from Timing Requirements for RGMII[x]_RD[3:0], and RGMII[x]_RCTL - RGMII Mode .....	<a href="#">124</a>
• Removed Transition time, TXC from Switching Characteristics for RGMII[x]_TCLK - RGMII Mode .....	<a href="#">125</a>
• Removed Transition time, TD and Transition time, TX_CTL from Switching Characteristics for RGMII[x]_TD[3:0], and RGMII[x]_TCTL - RGMII Mode .....	<a href="#">125</a>
• Removed content from GPMC and NOR Flash Switching Characteristics—Synchronous Mode .....	<a href="#">127</a>
• Updated No. F11 values .....	<a href="#">127</a>
• Swapped F22 and F21 in GPMC and NOR Flash—Synchronous Burst Read—4x16-Bit (GpmcFCLKDivider = 0) ..	<a href="#">132</a>
• Removed content from GPMC and NOR Flash Switching Characteristics—Asynchronous Mode .....	<a href="#">136</a>
• Removed content from GPMC and NAND Flash Switching Characteristics—Asynchronous Mode .....	<a href="#">145</a>
• Removed Rise time and Fall time info from Switching Characteristics for I <sup>2</sup> C Output Timings .....	<a href="#">190</a>
• Added JTAG Timing Conditions .....	<a href="#">191</a>
• Added content to LCD Controller Timing Conditions .....	<a href="#">192</a>
• Removed content from Switching Characteristics for LCD LIDD Mode .....	<a href="#">193</a>
• Removed content from Switching Characteristics for LCD Raster Mode .....	<a href="#">202</a>
• Removed content from Switching Characteristics for McSPI Output Timings – Master Mode .....	<a href="#">216</a>
• Removed content from Switching Characteristics for MMC[x]_CLK .....	<a href="#">220</a>
• Removed content from PRU-ICSS PRU Switching Requirements – Direct Output Mode .....	<a href="#">222</a>
• Removed content from PRU-ICSS PRU Switching Requirements - Shift Out Mode .....	<a href="#">224</a>
• Removed content from PRU-ICSS ECAT Switching Requirements - Digital I/Os .....	<a href="#">227</a>
• Removed transition time, MDC from PRU-ICSS MDIO Switching Characteristics - MDIO_CLK .....	<a href="#">227</a>
• Updated PRU-ICSS MDIO Switching Characteristics - MDIO_DATA .....	<a href="#">228</a>
• Updated Note in PRU-ICSS MII_RT Electrical Data and Timing .....	<a href="#">228</a>
• Added UART Timing Conditions .....	<a href="#">230</a>
• Added UART Timing Conditions .....	<a href="#">231</a>
• Added Carrier Type to <a href="#">Figure 8-1</a> , AM335x Device Nomenclature .....	<a href="#">235</a>

The datasheet number will be changing.

Device Family	Change From:	Change To:
AM3352	SPRS717J	SPRS717K

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/AM3352>

#### Reason for Change:

To accurately reflect device characteristics.

#### Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.

#### Changes to product identification resulting from this PCN:

None.

#### Product Affected:

AM3352BZCZT60	AM3352BZCZT60R	AM3354BZCZ100	AM3356BZCZA80
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AM3351BZCE30	AM3352BZCED60	AM3354BZCZ30	AM3356BZCZD30
AM3351BZCE30R	AM3352BZCZ100	AM3354BZCZ60	AM3356BZCZD60
AM3351BZCE60	AM3352BZCZ30	AM3354BZCZ80	AM3357BZCZA30
AM3351BZCE60R	AM3352BZCZ60	AM3354BZCZA100	AM3357BZCZA60
AM3351BZCEA30	AM3352BZCZ80	AM3354BZCZA60	AM3357BZCZA80
AM3351BZCEA30R	AM3352BZCZA100	AM3354BZCZA80	AM3357BZCZD30
AM3351BZCEA60	AM3352BZCZA30	AM3354BZCZA80R	AM3357BZCZD60
AM3352BZCE30	AM3352BZCZA60	AM3354BZCZD60	AM3358BZCE60
AM3352BZCE30R	AM3352BZCZA80	AM3354BZCZD80	AM3358BZCZ100
AM3352BZCE60	AM3352BZCZD30	AM3356BZCEA60	AM3358BZCZ60
AM3352BZCEA30	AM3352BZCZD60	AM3356BZCZ30	AM3358BZCZ80
AM3352BZCEA30R	AM3352BZCZD80	AM3356BZCZ60	AM3358BZCZA100
AM3352BZCEA60	AM3354BZCE60	AM3356BZCZ80	AM3358BZCZA80
AM3352BZCEA60R	AM3354BZCEA60	AM3356BZCZA30	AM3359BZCZA80
AM3352BZCED30	AM3354BZCED60	AM3356BZCZA60	

For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
WW PCN Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>