



WHITE ELECTRONIC DESIGNS

Product Change Notification

Date: Friday, October 2, 2009
PCN#: 140A00177
Subject: W3H128M72E-XSBX datasheet change
Product Description: DDR2 208 Plastic BGA
Reason for Change: Specification adjustment based on product performance

Dear Customer,

In an effort to better communicate to you, our user community, we have implemented a e-mail version for our PCN process in addition to our PCN website. While you may receive a notification from us concerning a particular part or part numbers, it is not an indication that you use or have ordered these particular parts, but merely a communication to notify our user community as a whole. Please review your sales orders, POs, records, etc. to determine if this particular PCN impacts your activities or affects your business.

White Electronic Designs Corporation wishes to inform you of the following datasheet changes.

Products Affected:

W3H128M72E-400SBC	W3H128M72E2-400SBC
W3H128M72E-533SBC	W3H128M72E2-533SBC
W3H128M72E-667SBC	W3H128M72E2-667SBC
W3H128M72E-400SBI	W3H128M72E2-400SBI
W3H128M72E-533SBI	W3H128M72E2-533SBI
W3H128M72E-667SBI	W3H128M72E2-667SBI
W3H128M72E-400SBM	W3H128M72E2-400SBM
W3H128M72E-533SBM	W3H128M72E2-533SBM
W3H128M72E-667SBM	W3H128M72E2-667SBM
W3H128M72E-400NBC	W3H128M72E2-400NBC
W3H128M72E-533NBC	W3H128M72E2-533NBC
W3H128M72E-667NBC	W3H128M72E2-667NBC
W3H128M72E-400NBI	W3H128M72E2-400NBI

W3H128M72E-400NBI	W3H128M72E2-400NBI
W3H128M72E-533NBI	W3H128M72E2-533NBI
W3H128M72E-667NBI	W3H128M72E2-667NBI
W3H128M72E-400NBM	W3H128M72E2-400NBM
W3H128M72E-533NBM	W3H128M72E2-533NBM
W3H128M72E-667NBM	W3H128M72E2-667NBM

Parameter	Original Spec	New Spec	Units
$t^{AC}_{(min)}$ - 667Mbps CL6	-500	-100	ps
$t^{AC}_{(max)}$ - 667Mbps CL6	500	1,250	ps
$t^{AC}_{(min)}$ - 533Mbps CL5	-500	-100	ps
$t^{AC}_{(max)}$ - 533Mbps CL5	500p	1,350	ps
$t^{AC}_{(min)}$ - 400Mbps CL4	-600	-100	ps
$t^{AC}_{(max)}$ - 400Mbps CL4	600	1,350	ps
$t^{DQSGK}_{(min)}$ - 667Mbps CL6	-450	-100	ps
$t^{DQSGK}_{(max)}$ - 667Mbps CL6	450	1,250	ps
$t^{DQSGK}_{(min)}$ - 533Mbps CL5	-450	-100	ps
$t^{DQSGK}_{(max)}$ - 533Mbps CL5	450	1,350	ps
$t^{DQSGK}_{(min)}$ - 400Mbps CL4	500	-100	ps
$t^{DQSGK}_{(max)}$ - 400Mbps CL4	500	1,350	ps
t^{US}_a - 667Mbps CL6	350	400	ps
t^{US}_a - 533Mbps CL5	350	400	ps
$I^{CC2}P$ - 667Mbps CL6	40	55	mA
$I^{CC2}P$ - 533Mbps CL5	40	55	mA
$I^{CC2}P$ - 400Mbps CL4	40	55	mA
I^{CC}_6 - 667Mbps CL6	20	45	mA
I^{CC}_6 - 533Mbps CL5	20	45	mA
I^{CC}_6 - 400Mbps CL4	20	45	mA
I^{DD}_7 - 667Mbps CL6	1,580	1,975	mA
I^{DD}_7 - 533Mbps CL5	1,420	1,775	mA
I^{DD}_7 - 400Mbps CL4	1,420	1,775	mA

These changes apply to all products shipped from WEDC on or after September 9, 2009. Please contact your Sales representative for a revised datasheet or any questions related to this change

As technology moves at a much faster pace, advanced embedded electronic components play a more strategic role. Constant changes and advancements in technology mandate that we anticipate changes and directions in technology for the benefit of our customers. As one of the pioneers in advanced semiconductor packaging and high-density memory solutions, we stand ready to assist you in managing this evolution of technology. If we can provide any additional assistance, please contact us at 602.437.1520 or complete a contact form at www.whiteedc.com/contact_us.html.

Best regards,
White Electronic Designs Corp

