

ADS512101 Revision History

12/31/08

<u>ADS512101 Board Rev</u>	<u>2.0</u>	<u>2.5</u>	<u>3.1</u>	<u>3.2</u>	<u>3.5</u>	<u>4.0</u>	<u>4.1</u>	
Silicon Rev	1.0	1.5	1.5	1.5	2.0	2.0	2.0	
PCB layer count	12	12	8	8	8	8	8	
Mounting holes changed diameter for 4-40 hardware (ITX)	?	?	no	no	no	yes	yes	
SW2 overlaps eliminated	?	?	no	no	no	yes	yes	
Gamma table shift by 2 bits fixed	yes	yes	no	no	no	yes	yes	
DB9 connectors and barrel reinforced mechanically	NA	NA	no	no	no	in progress	in progress	
Silkscreen Labels missing/typos	?	?	no	no	no	?	?	
PATA daughtercard eliminated	yes	yes	no	no	no	yes	yes	
U38 touch controller conflicted with UART eliminated	NA	NA	no	no	no	yes	removed	
U31 digital potentiometer for LCD brightness gain	yes	yes	yes	yes	yes	no	removed	
Add LCD fixed brightness gain	off PCB	off PCB	off PCB	off PCB	off PCB	off PCB	on PCB	
CAN voltage corrected for full speed operation	?	?	no	no	no	yes	yes	
Batt loading/hibernate issue resolved	?	?	no	no	yes	yes	yes	
NAND Flash support	no	no	yes	yes	yes	yes	yes	
Backup flash software mirror works	no	no	yes	yes	yes	yes	yes	
micro SD missing bit fixed, conflict with PATA resolved	NA	NA	no	no	no	yes	yes	
SATA	?	?	?	?	?	yes	yes	
RTC works without battery drain	?	?	no	no	?	yes	yes	
DVI auto-reset issue resolved	-	-	-	-	-	no	yes	
VGA high gain corrected	-	-	-	-	-	no	yes	
CPU factory fuse issue resolved (alt. R06)	-	-	-	-	no	no	yes	
<i>Note: - indicates not affected in this revision</i>								
<i>Note: ? indicates this function has not been tested or verified.</i>								