

Released Engineering Change Notice

Product	iLive
Title	Console and Stagebox backplane clock buffer IC type change
Date	10/05/07

Details Of Change		
AG5508_2 (003-304)	STAGEBOX BACKPLANE	
REMOVE: U8, AE4553	ADD: U10, AE6675	CHANGE: R28,29,30,31,32,33,34,35,36,37=68R AC4101
U7, AE4553	U11, AE6675	To: 22R, AC4100, 0805
C18, AF4538	C28, AF4538, 100N 0805	
C19, AF4538	C29, AF4538	
AG5512_2 (003-341)	CONSOLE BACKPLANE	
REMOVE: U3, AE4553	ADD: U19, AE6675	CHANGE R11,15,16,22 = 68R AC4101
C10, AF4538	C107, AF4538 , 0805	To: 22R, AC4100, 0805
	R78, 0R0, AC2838,0805	

Reason for change
To overcome clock Duty cycle degradation at card slots

This ECN supersedes ECN No.	Related ECNs
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Post Implementation Ser No		
Serial Number	Model	Date
	i-Live	Aug 07

Serial Number	Model	Date

Additional Information

Component changes listed below; please note macpac totals marked * indicate that components are both added and removed (different designators) –ie they appear twice on list below.

Brief details:

Turn off 'Protect Form' lock to complete. Insert rows if required or attach more detailed documents in 'Additional Information' table below.

Assy	Desig	Added (y)	Deleted (y)	Moved (y)	From (y)	Part no./description	Macpac Add	Macpac Minus	Macpac New Total	To (y)	Part no./description	Macpac Add	New Macpac Total
003-304	U7,8		Y			AE4553 IC SMD 74LVC541		2	9				
003-304	C18,19		Y			AF4538 CAP SMD 100N X7R 16V 0603		2	64*				
003-304	U10,11	Y				AE6675 IC SMD BUFFER ZERO DELAY IDT23	2		2				
003-304	C28,29	Y				AF4538 CAP SMD 100N X7R 16V 0603	2		64*				
003-304	R28-37				Y	AC4101 RES SMD 68R 5% 0805		10	17	Y	AC4100 RES SMD 22R 5% 0805	10	10
003-341	U3		Y			AE4553 IC SMD 74LVC541		1	2				
003-341	C10		Y			AF4538 CAP SMD 100N X7R 16V 0603		1	30*				
003-341	U19	Y				AE6675 IC SMD BUFFER ZERO DELAY IDT23	1		1				
003-341	R78	Y				AC2838 RES SMD 0R 5% 0805	1		19				
003-341	C107	Y				AF4538 CAP SMD 100N X7R 16V 0603	1		30*				
003-341	<u>R11,15,</u> <u>16,22</u>				Y	AC4101 RES SMD 68R 5% 0805		4	4	Y	AC4100 RES SMD 22R 5% 0805	4	4

SMT/AI/RI Program and Barcode Issue updates:

Turn off 'Protect Form' lock to complete. Insert rows if required.

Assy no.	Pcb no.	SMT/AI/RI Program and Barcode Issue updates (from _ to _)	
003-304	AG5508		33040201
003-341	AG5512		33410201