

Released Engineering Change Notice

Product	iLive
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Title	AG5503 Mic Input protection - diode type change
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Date	Issued in update kit for all affected field units (demo modules replaced December 2006)
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Details Of Change

Remove all AE5004 MBRA130LT3 SMD Diodes and substitute with AE5343 LL4148 SMD diode. Effective on future AG5503_2 new PCB builds onwards.

Reason for change

To remove the incidence of unacceptable diode junction noise caused by batches of AE5004 diode. Original diode exhibits batch variance with regard to junction noise.

This ECN supersedes ECN No.	
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Post Implementation Ser No		
Serial Number	Model	Date

Related ECNs		
Serial Number	Model	Date

Additional Information

Details Of Change

003-295 PCB ASSY ILIVE/IDR64 MIC IN AG5503_2

Effective on WIP and all new PCBs.

Remove all AE5004 MBRA130LT3 SMD Diodes and substitute with AE5343 LL4148 SMD diode.

Brief details:

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
003-295					y	AE5004 DIODE SMD MBRA130LT3G		32	0		AE5343 DIODE SMD LL4148 SIGNAL	32	32

Macpac Pcb/Metalwork/Drawing Issue updates:

Assy no.	Part no.	Pcb/Metalwork/Drawing Issue updates (from _ to _)		
003-295		0101	to	0201
			to	
			to	
			to	

Additional Information:

Drawings None	Drawings _ _ _ _ _	PCB Change Detail _ _ _ _ _	PCB Change Detail _ _ _ _ _	Macpac Change Detail _ _ _ _ _