

Released Engineering Change Notice

Product	iDR-64
Title	iDR16_32_48_64_update 1V0 DC on Main PCB
Date	18/11/2010

Details Of Change
An upgrade to the 1volt d.c power supply for the DSP on the Main pcb is required.

Reason for change
Upgrade of 1V0 DC-DC PSU on MAIN PCB AG7254 (003-797)

This ECN supersedes ECN No.		Related ECNs
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Post Implementation Ser No		
Serial Number	Model	Date
IDR32X-233798, IDR16-161421, IDR64-641118		01-Dec-10

Serial Number	Model	Date

Additional Information

Changes to AG7254 1V0 PSU circuit are as follows;

C552 – change from 22nF (AF5035) to 100nF (AF2851).

C561 – change from 2n2 (AF3548) to 4n7 (AF5415).

L18 – change from 7.8µH inductor (AM7518) to 15µH inductor (AM8370)

L20 – to be added (4.7µH AM8373)

JP11 – change from link (AH0070) to N/F

Important notice – the pcb has been up-issued to issue 5.2

New assembly number 004-140 has been introduced to replace assembly 003-797

Due to the traceability of this change, this assembly will contain all the contents of 003-797 and will also include the changes listed in this ECN.

Assembly	Designator	Added (y)	Deleted (y)	Moved (y)	From (y)	Part no./description	Bom Add	Bom Minus	Bom New Total	To (y)	Part no./description	Bom Add	Bom New Total
004-063					Y	003-797 PCB ASSY IDR-32/48 MAIN (S'BOX		1	0	Y	004-140 PCB ASSY IDR-32/48 MAIN V2 (S'	1	1
003-889					Y	003-797 PCB ASSY IDR-32/48 MAIN (S'BOX		1	0	Y	004-140 PCB ASSY IDR-32/48 MAIN V2 (S'	1	1
003-891					Y	003-797 PCB ASSY IDR-32/48 MAIN (S'BOX		1	0	Y	004-140 PCB ASSY IDR-32/48 MAIN V2 (S'	1	1
003-893					Y	003-797 PCB ASSY IDR-32/48 MAIN (S'BOX		1	0	Y	004-140 PCB ASSY IDR-32/48 MAIN V2 (S'	1	1