

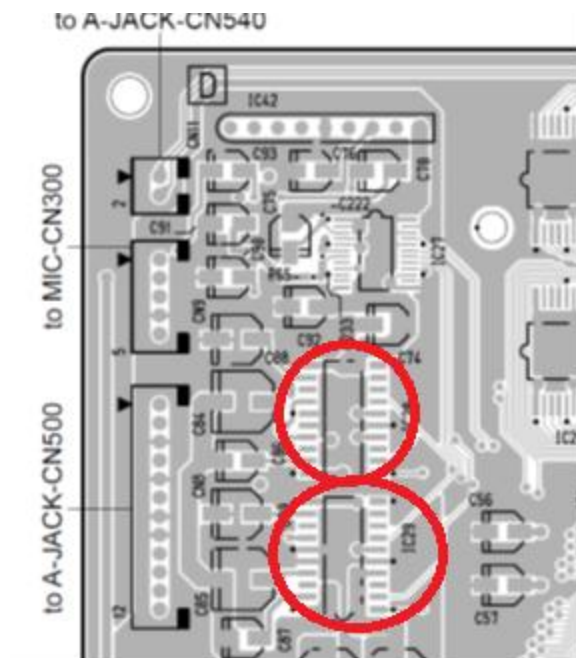
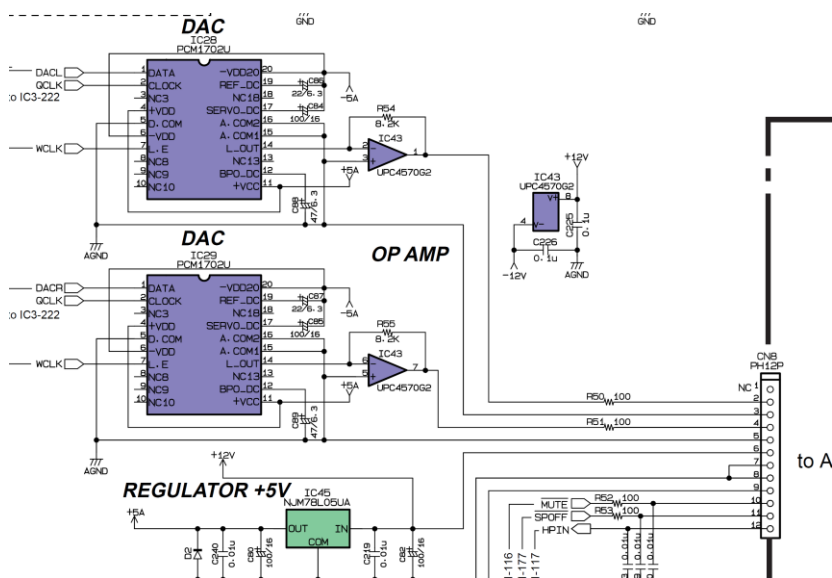
TECH TIP 051412a

CVP207/209 and CVP900 DAC issues.

MODEL: CVP207/209 and CVP900

An issue that Yamaha has been seeing lately on the CVP207/209 and CVP900 models is bad Digital to Analog Converters (DAC). The complaint from the customer may vary from one or two speakers having no audio, to digital noise from one or both speakers. On these models, there is a separate DAC for the left and right outputs. When they fail they may cause digital noise or you may lose audio completely. The DAC used is a Burr Brown PCM1702. The Yamaha part # is XP551B00 and has a MSRP of 31.24 each.

A quick way to troubleshoot this is to check the headphone and aux outputs. If you have no audio (or distorted audio) in the headphones and line outs then your problem is on the DM board, and it is most likely the DACs. You can also inject a signal into the Aux inputs to check the power amp IC. If needed, the DM board can be sent into Yamaha for repair. The turnaround time varies depending upon current workload. To arrange for this please contact Yamaha Technical Support at 888-892-6242 for a Return Authorization.



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