

AIO Card ASIC Digital Noise Modification

PROBLEM

An audible “sizzling” or “frying” noise can be heard in port to port audio through the ADAM Matrix. This is more prevalent in end cards.

CAUSE

A timing problem exists in Telex TDM ASICs fabricated by AMI.

SOLUTION

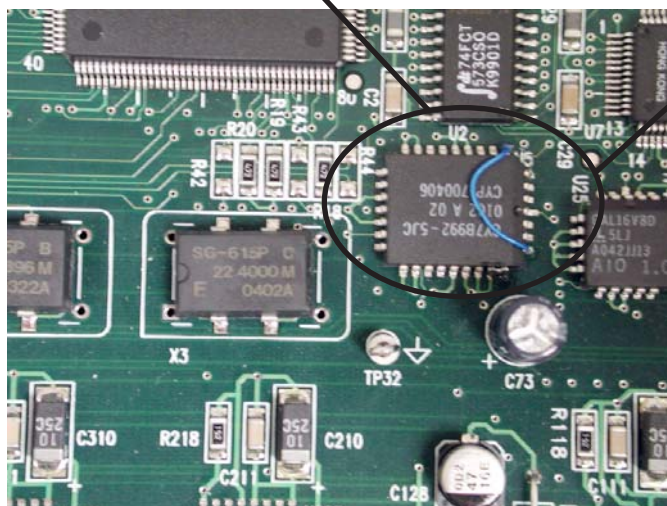
Changing the AIO card timing scheme to accommodate the increased delay needed by ASICs fabricated by AMI.

PROCEDURE

1. Using kynar or other suitable jumper wire, run a jumper from U5 pin 5 to U5 pin 30 as shown in the photo below.
2. Create a solder bridge between pins 28 and 29 on U5.



Note second line of text on ASIC starts with “AMI”.



Area of interest