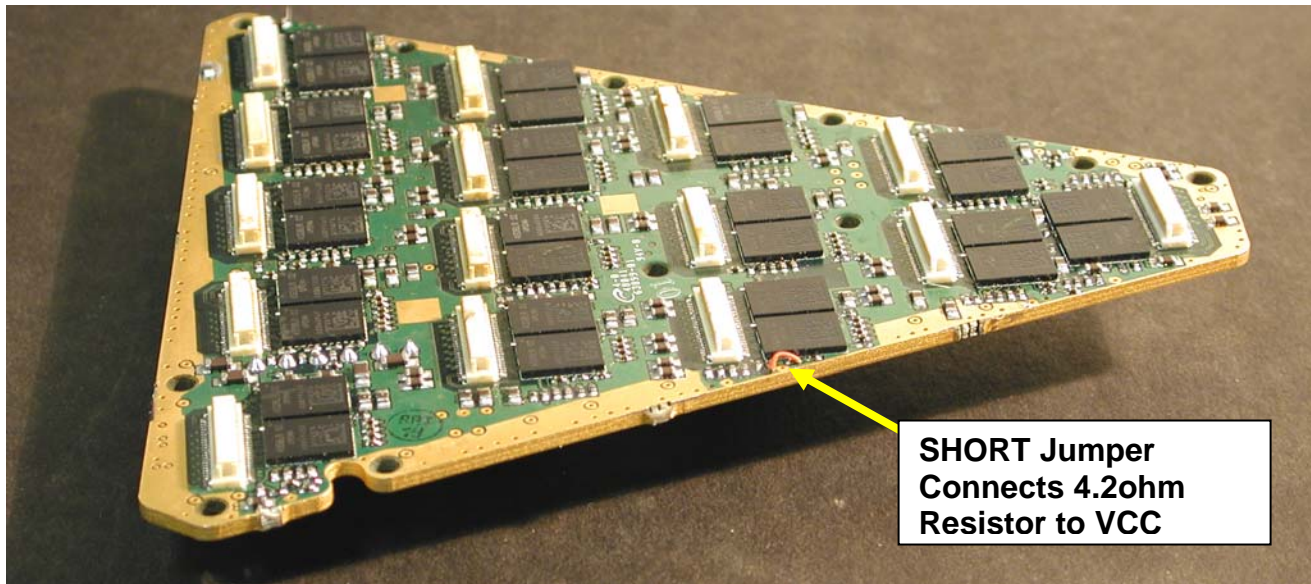


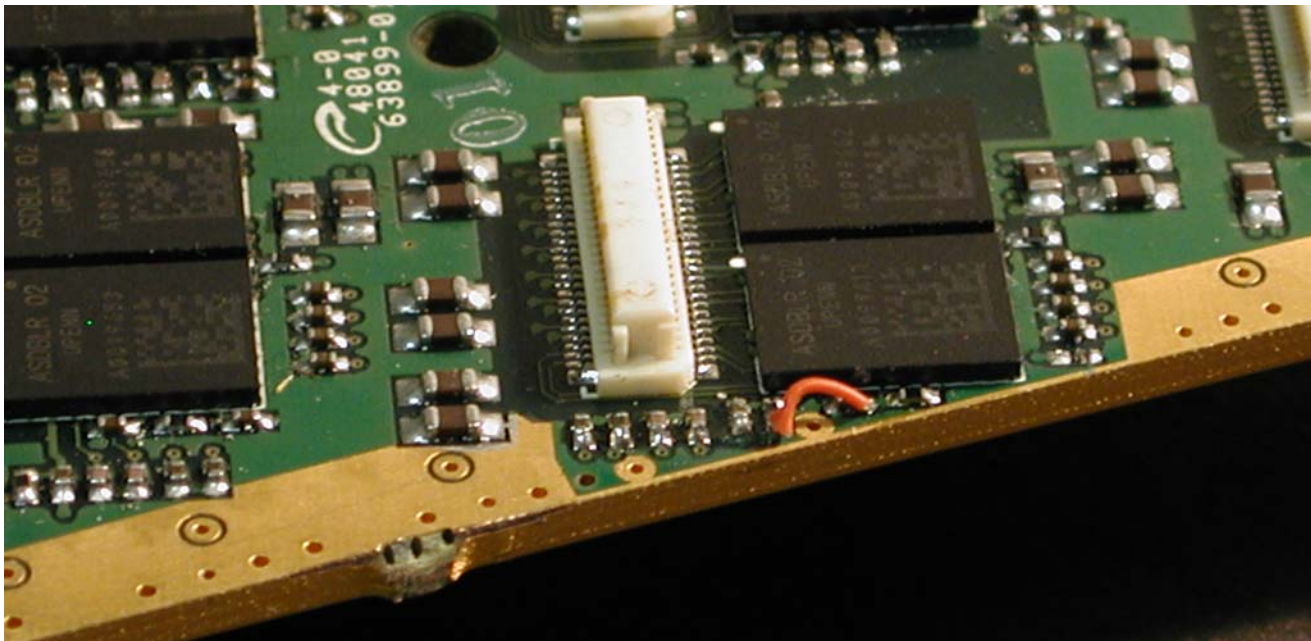
Jumper FIX for AR2FS board February 9, 2005

Instructions for the installation of a jumper to repair bad via contact at Location #10 on ASDBLR side of board.

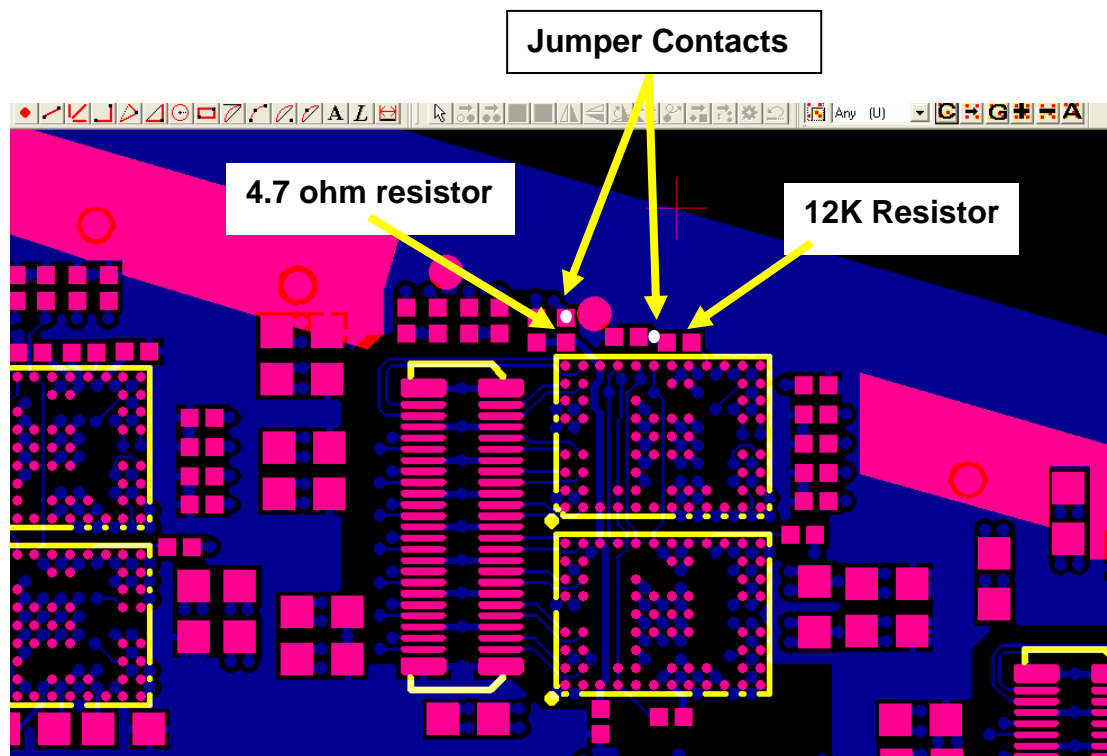
A mistake in the layout of the AR2FS board prevents the 4.7ohm preamp resistor at location #10 (DTMROC side silk screen numbering) from connecting to the Vcc supply. This is easily corrected by soldering a jumper to a nearby location. The jumper should connect between a trace that supplies +3V to an 18k resistor and a 0.1uF capacitor (See Gerber View below) and a 4.7ohm resistor as shown. It should be rated to carry at least 20mA current. For mechanical reasons we suggest 28AWG wire.



The picture above shows the location of the Jumper on the AR2FS board.



Closeup view of installed jumper. Note jumper attaches to 4.7ohm resistor on contact away from the ASDBLR chip, towards perimeter of board.



This gerber view with the bottom layer and solder mask “on” shows the jumper contact points. White dots indicate the intended contacts. The junction contact on the right connects to Vcc between a .1uF cap and to a 12K resistor. The junction contact on the left goes to a 4.7ohm resistor.

