

Service Note		
Product	Description:	Service note no.
WIZARD2	ADC malfunction after power on	720 10 T026

IMPORTANT:

This replacement should only be carried out by skilled technicians.

Symptoms:

A combination of potential overshoot on the PSU +5V during power ON and a sensitive local power design at the AD converter means that the ADC can brake and be malfunctioning after power ON cycle (no audio through ADC).

Solution:

The solution is to mount a diode(1N4148) between the digital and analog +5V on the ADC. The PSU's must be production tested to make sure that the +5V is adjusted to 5.18V +/- 0.02V.

Procedure:

1. Make sure to power off the unit.
2. Solder the leaded diode 1N4148 like shown here in fig.1.

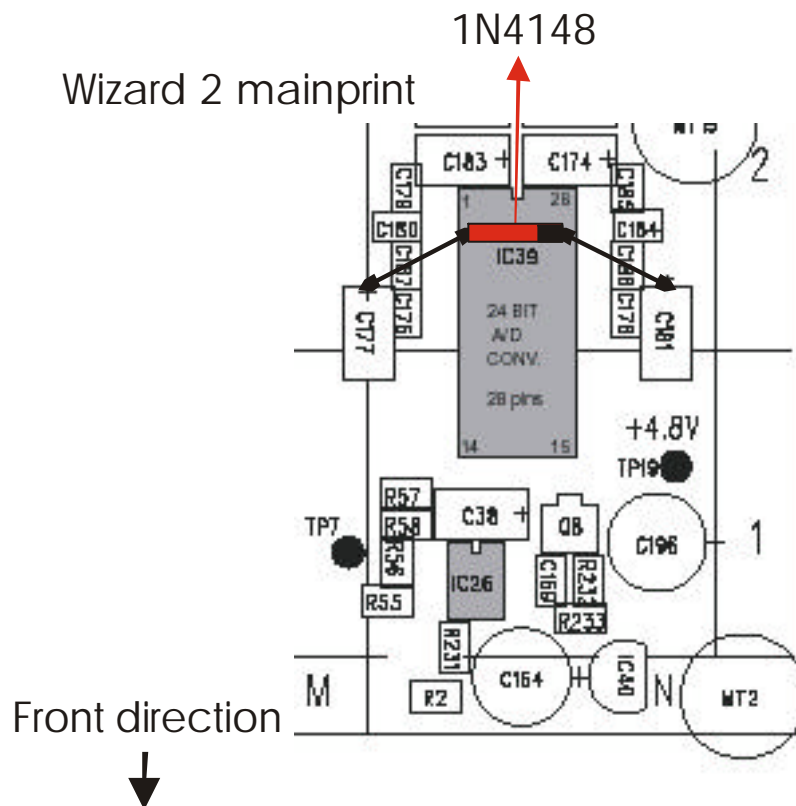


Fig.1.