

RETRONIX

You can **SAVE MONEY** and **REDUCE COSTS** using the following services :



COMPONENT REPAIR

SAVE ! We can repair rejected or badly handled components for re-use



COMPONENT SALVAGE

SAVE ! We can recover components from populated PCBA for re-use



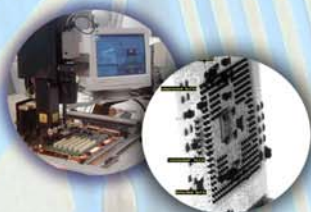
COMPONENT TEST

UNIQUE! Testing capability ensures confidence in processed silicon



SPECIAL REPAIR

SAVE ! By taking advantage of the most cost effective contract rework and repair service in the UK



BGA REWORK

SAVE ! Utilising our expertise in profiling, BGA Rework and X-Ray inspection



PCB MANUFACTURERS

SAVE ! Liability limitation by recovery of components from faulty circuit boards



SUB-CONTRACT DEBUG

SAVE ! By utilising Retronix expertise in bonepile reduction and PCB Debug



CONTACT

HCM Elektronik HB
Phone: +46-8659 9915
E-mail: sales@hcm.se
web: www.hcm.se

SUMMARY OF SERVICES

Component Repair from Line Fallout

Component Reclaim from PCB's (including BGA and μ BGA)

Component Test

Laser Re-balling of BGA and μ BGA (no thermal stress)

Change from leaded solder to leadfree solder or the other way around on BGA and μ BGA using Laser Re-balling

Engineering Change Notices

Rework of Misloads

Pad and Track Repair

Solder Contamination on Gold

Underfill Removal

Tape and Reel Facility

Mechanical Verification Service

MRB Management and Reporting

Bonpile Reduction (Cellular/PC/Infrastructure)

Supply of Contract Labour pre-trained from Production operators through to solder skilled Analysers

Service Partnership