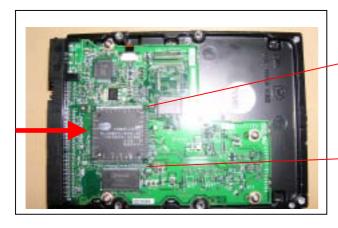
How to recover FUJITSU HDD (MODEL MPG3409AT-EF) by using a hand-made jig, magnifying glass and a multimeter



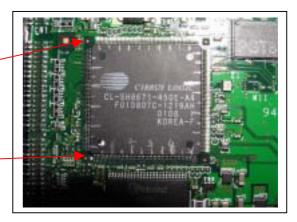
FUJITSU (MODEL MPG3409AT-EF)



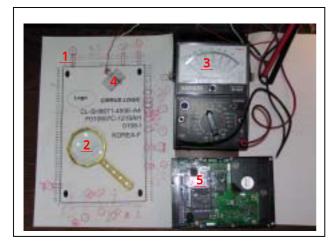
Label of MODEL MPG3409AT-EF



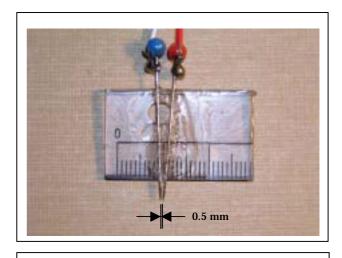
CIRRUS LOGIC (CL-SH8671-450E-A4)



CIRRUS LOGIC (CL-SH8671-450E-A4)



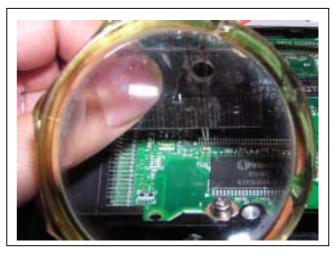
- 1) Package lead assignment diagram
- 2) Magnifying glass (x5)
- 3) Multimeter
- 4) Hand-made jig
- 5) FUJITSU (MODEL MPG3409AT-EF)



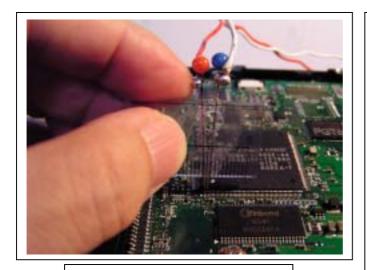
Hand made jig for probing leads. I used sewing needles as probe pins. Spacing between two needles should be 0.5 mm.



Package lead assignment diagram



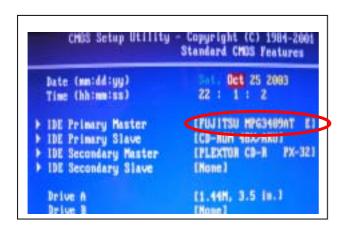
Probing adjacent leads by a hand-made jig under magnifying glass



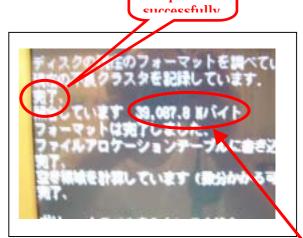
How to probe leads by a jig



Look for leakage between adjacent leads using a multimeter



Recognized as a master HDD after probiing



Format was completed

Format was completed successfully and 40 G byte was recovered

```
Standard Unio reatures
                          Sat, Oct 25 2003
Bate (mm:dd:yy)
                          22 : 20 : 24
Time (hh:mm:ss)
                         ESAMSUNG SV1204H1
IDE Primary Master
                         [PLEYTOR CO-R
DE Primary Slave
IDE Secondary Master
                       IPUJITSU MPG3409AT EI
IDE Secondary Slave
                         [1.44H, 3.5 in.]
Drive A
Brive B
                         [Hone]
Floppy 3 Hode Support
                         [Disabled]
```

This one now can be used as an external HDD