

Texas Instruments Challenge

Nokia-Deconstruction

Introduction:

For my Vex Texas Instruments Online Challenge I chose to deconstruct a X2-02 Nokia a mobile phone. . My reasoning in choosing this specific device over a myriad of other choices stems from my research into the history of Texas Instruments' It all began for Nokia when Fredrik Idestam built a paper mill back in 1865. He built another factory near Nokianvirta River, Finland, the place whose first five words gave the company its name "Nokia". Between the years of 1865 and 1967 Nokia was recognized as a vital industrial machine; though further expansion needed a merger with a cable company and another merger with a rubber firm to set up the Nokia Corporation. This was the beginning of the move to electronics production by the company. The mobile phone era for Nokia began in 1981 when the first ever international mobile phone network was built called the Nordic Mobile Telephone

Lists of internal Components:

- screen
- resistors
- ports
- IC RDA8851A
- IC 8733A AAM7
- *Functions and origins below
- camera
- capacitors
- electronicchip
- IC RDA 6645A
- IC C475 0801

Summaries and Pictures:





First glimpse of the device I will be taking apart, nokia x2-02



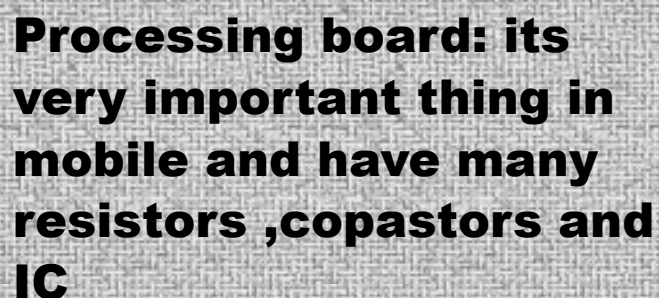
First glimpse of the inner components of the mobile

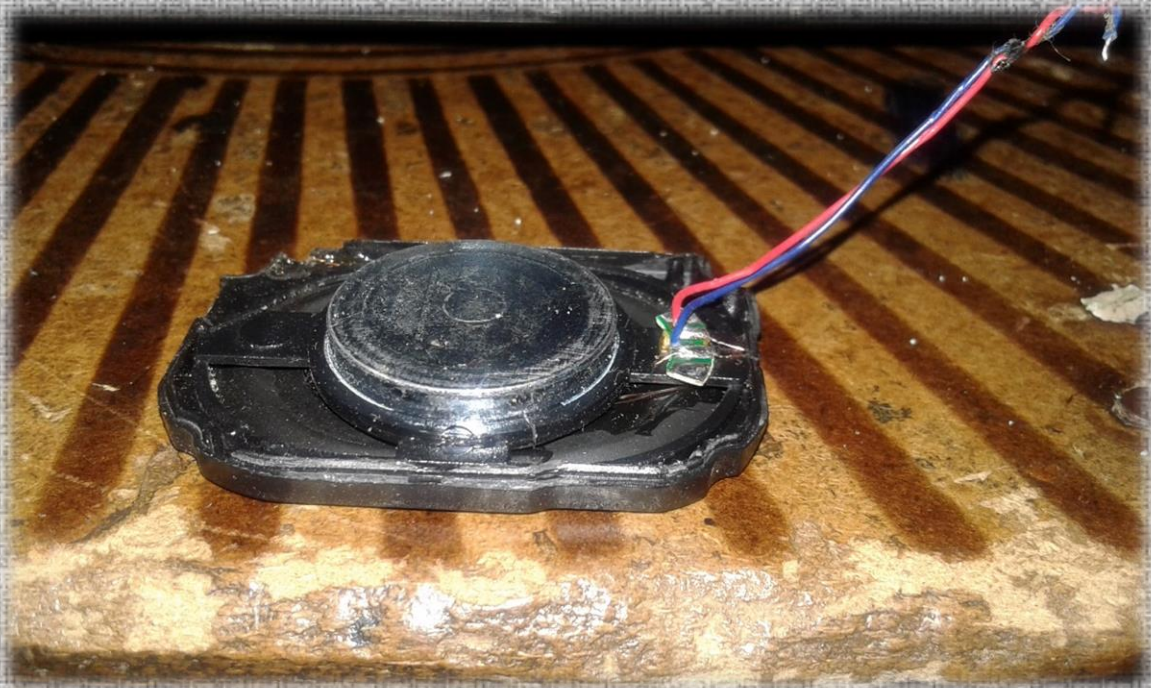


close up of components before disassembly



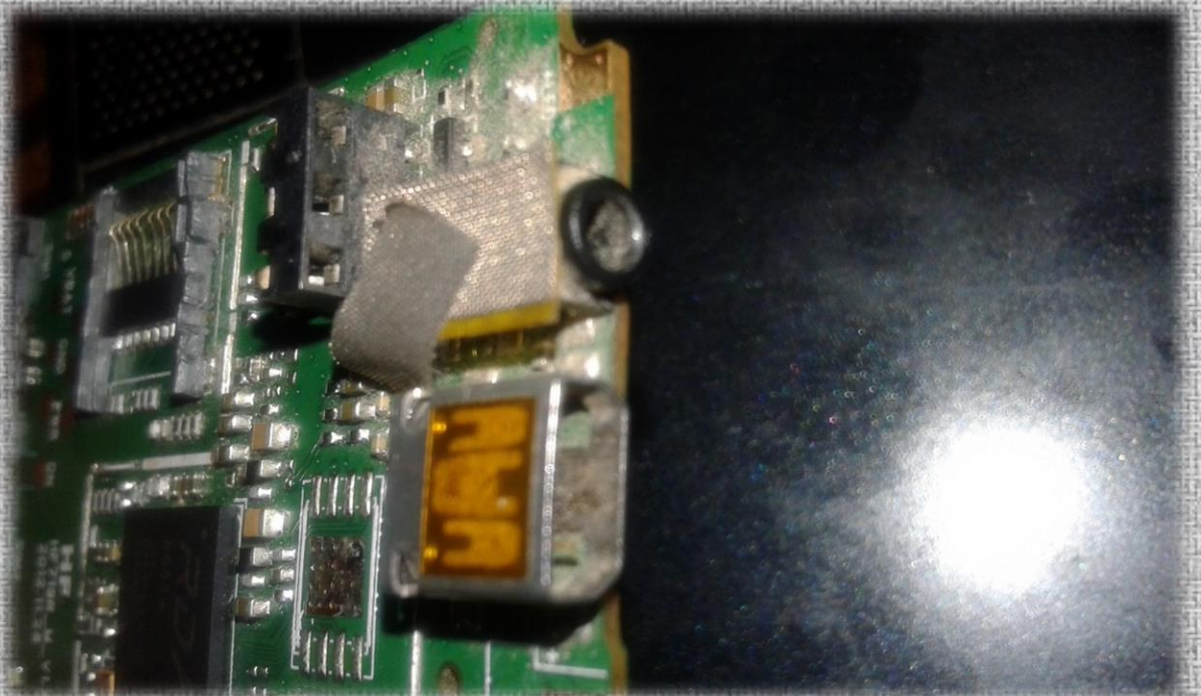
Aerial view of all the beginning processes of disassembly





The Speakers:

Front and back images show the speakers in mobile with out phone and it made in china factory and out sounds



Ports: It have 2 ports the right one for hand free socket and left one for charge socket and it very important ports



The Screen: It very important thing It show all thing on it

Conclusion:

In conducting this research project I discovered a lot more about the true electrical function of electrical components I had heard of before but had never really looked into. While this device is not associated with Texas Instruments, I learned about the very global path that the products we use must travel in order to make it into our possession and how even the simplest of devices is very complex on the inside. I was also enlightened to the wide jurisdictions established technology companies hold that I was previously unaware of.