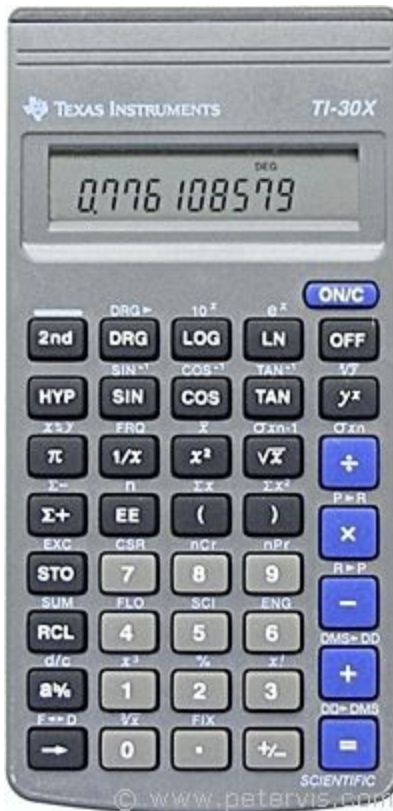


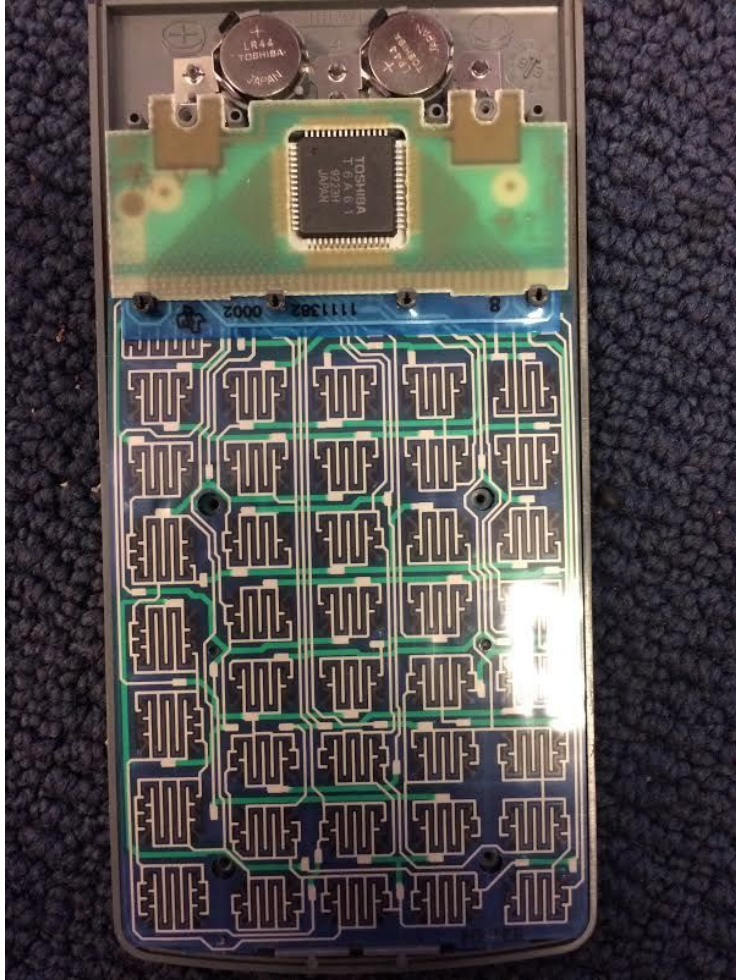


Texas Instruments Electronics Online Challenge

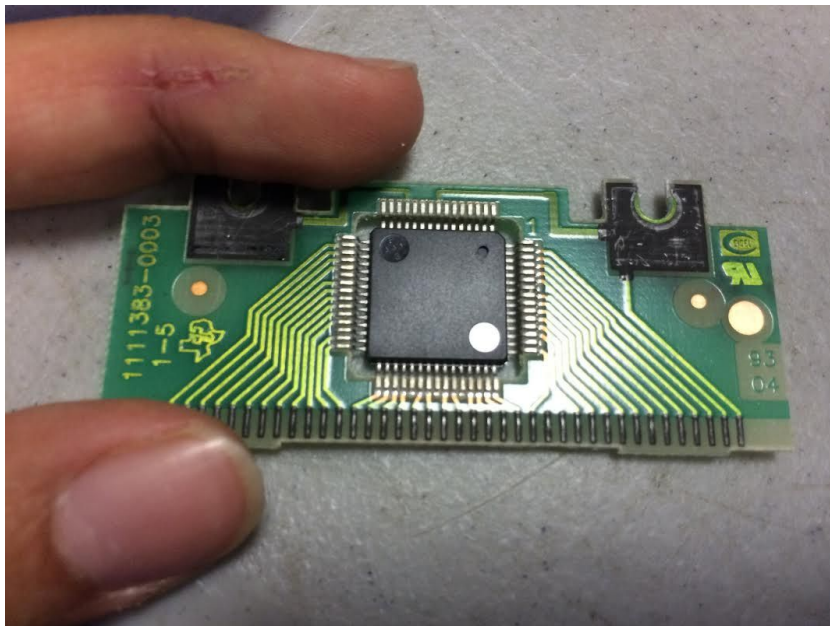
Texas Instruments TI-30X Calculator



By Rolling Robots Team 7700X



Inside the calculator



Backside of the calculator chip



Button contact sensors

This calculator uses the single chip T6A61. This integrated circuit is used in a large number of calculator models because of its low power consumption. Another reason it was used a lot was because it was the best of its time. This IC had an on-board oscillator circuit to generate the clock pulse for the digital circuitry. It decoded the keyboard and drove the LCD directly.

Website used

<http://www.petervis.com/Calculators/TI-30X/TI-30X.html>