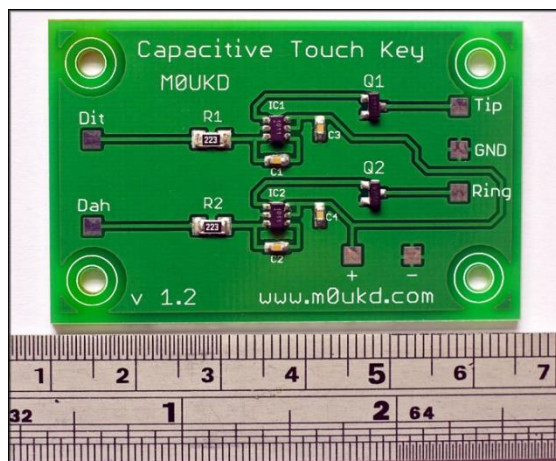
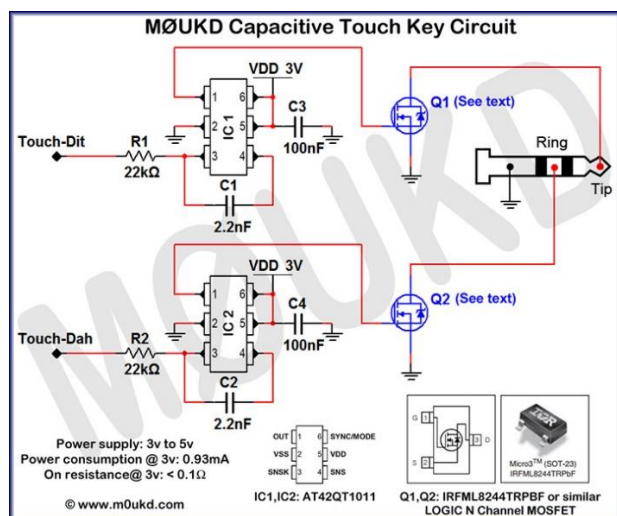


Thank you for purchasing the capacitive touch key kit. This kit uses 100% surface mount components. This document helps you to identify the correct components and their placement. I hope you enjoy the project and if you have any questions, please contact me via [www.m0ukd.com](http://www.m0ukd.com)

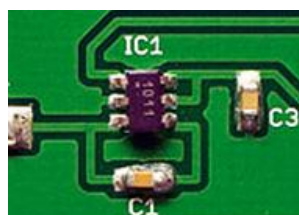


### List of components

	C1, C2 – 2.2nF 0603 50v ceramic
	C3, C4 – 100nF 0603 50v ceramic (Marked on strip with a black line)
	IC1, IC2 – AT42QT1011 Touch Sensor
	Q1, Q2 - IRFML8244TRPbF N-Channel MOSFET, SOT23
	R1, R2 – 22k 1206 Metal Glaze Chip Resistor

**Please note**, the 2.2nF and 100nF capacitors look identical, so the 100nF have been marked on the package with a black line. Once you remove the components from their packaging, the only way to distinguish the two would be to use a capacitance meter.

Also, note the orientation of IC1 and IC2. Pin 1 is identified with a white dot, both on the component and the PCB silkscreen. This goes towards the top left of the board. See image below.



More information at [http://www.m0ukd.com/Touch\\_CW\\_Paddle\\_Key/Capacitive\\_Touch/](http://www.m0ukd.com/Touch_CW_Paddle_Key/Capacitive_Touch/)