



# MPR121

## Breakout V12 Capacitive Touch Sensor



- This is a breakout board for Freescale's MPR121QR2 The MPR121 is a capacitive touch sensor controller driven by an I2C interface
- The chip can control up to twelve individual electrodes, as well as a simulated thirteenth electrode
- The MPR121 also features eight LED driving... pins. When these pins are not configured as electrodes, they may be used to drive LEDs.
- There a four jumpers on the bottom of the board, all of which are set (closed) by default.
- An address jumper ties the ADD pin to ground, meaning the default I2C address of the chip will be 0x5A.
- There is no regulation on the board, so the voltage supplied should be between 2.5 and 3.6VDC.