The following table is a complete list of the first 50 of 100 projects on the Element14 PSoC 4 Pioneer Kit community page.

|  |  |  |
| --- | --- | --- |
| **Number** | **Example Name** | **Link** |
| 1 | Blinking LED | <http://www.element14.com/community/message/75399#75399/l/psoc-4-pioneer-kit-community-project01--blinking-led> |
| 2 | CapSense Slider Example | <http://www.element14.com/community/message/75477#75477/l/psoc-4-pioneer-kit-community-project02--capsense-slider> |
| 3 | PSoC 4 Pioneer Kit Annotation Library | <http://www.element14.com/community/message/75559#75559/l/psoc-4-pioneer-kit-community-project03--useful-annotation-components-and-macros> |
| 4 | USB-UART Utility | <http://www.element14.com/community/message/75846#75846/l/psoc-4-pioneer-kit-community-project04--usb-uart-utility> |
| 5 | USB-I2C Utility | <http://www.element14.com/community/message/75946#75946/l/psoc-4-pioneer-kit-community-project05--usb-i2c-utility> |
| 6 | Danger Shield with Light Sensor Control | <http://www.element14.com/community/message/76059#76059/l/psoc-4-pioneer-kit-community-project06-danger-shield-with-light-sensor-control> |
| 7 | Danger Shield with 7-segment display | <http://www.element14.com/community/message/76076#76076/l/psoc-4-pioneer-kit-community-project07-danger-shield-with-7-segment-led-display> |
| 8 | Danger Shield Buzzer of Doom | <http://www.element14.com/community/message/76192#76192/l/psoc-4-pioneer-kit-community-project08-danger-shield-buzzer-of-doom> |
| 9 | Graphics LCD Display | <http://www.element14.com/community/message/76334#76334/l/psoc-4-pioneer-kit-community-project09-graphics-lcd-display> |
| 10 | LCD – Rotating Cube Demo | <http://www.element14.com/community/thread/24045> |
| 11 | GLCD Paddle Game | <http://www.element14.com/community/message/76692#76692/l/psoc-4-pioneer-kit-community-project011-glcd-paddle-game> |
| 12 | Pioneer Board O-Scope | <http://www.element14.com/community/thread/24101> |
| 13 | CapSense Button w/ LED Control w/ BCP | <http://www.element14.com/community/thread/24151> |
| 14 | LED Memory | <http://www.element14.com/community/message/76986#76986/l/psoc-4-pioneer-kit-community-project014-what-was-that-value-oh-yea-led-memory-example> |
| 15 | CapSense Proximity | <http://www.element14.com/community/message/76985#76985/l/psoc-4-pioneer-kit-community-project015-capsense-proximity-detection> |
| 16 | Proximity Theremin | <http://www.element14.com/community/message/77464#77464/l/psoc-4-pioneer-kit-community-project16--proximity-theremin> |
| 17 | 2-Channel O-Scope | <http://www.element14.com/community/thread/24287> |
| 18 | Catch The Shells Game | <http://www.element14.com/community/thread/24312> |
| - | US Holiday | - |
| 19 | LED Memory Part 2 | <http://www.element14.com/community/thread/24422> |
| 20 | Starter Designs | <http://www.element14.com/community/thread/24446> |
| 21 | Fractional Frequency Synthesizer | <http://www.element14.com/community/message/78177> |
| 22 | Kill The Ghost | <http://www.element14.com/community/message/78268> |
| 23 | Tinyprintf | <http://www.element14.com/community/message/78621> |
| 24 | XBee Router Loopback | <http://www.element14.com/community/message/78768> |
| 25 | XBee Direct I/O | <http://www.element14.com/community/message/78876> |
| 26 | XBee API RxTx | <http://www.element14.com/community/message/79051> |
| 27 | XBee RGB LED Slider | <http://www.element14.com/community/message/79053> |
| 28 | WiFi Shield | <http://www.element14.com/community/message/79421> |
| 29 | Bluetooth Home Automation | <http://www.element14.com/community/thread/24847> |
| 30 | Bluetooth with GLCD | <http://www.element14.com/community/message/79651> |
| 31 | Ethernet Example | <http://www.element14.com/community/message/79763> |
| 32 | 4 Channel Relay Shield | <http://www.element14.com/community/message/79782> |
| 33 | Sweet Music Everywhere! MIDI Shield! | <http://www.element14.com/community/message/79786> |
| 34 | Resistive Touch Panel Example | <http://www.element14.com/community/message/80565> |
| 35 | UART, I2C, and SPI joystick example | <http://www.element14.com/community/message/80567> |
| 36 | What? I can use the PSoC 5LP too? | <http://www.element14.com/community/message/80762> |
| 37 | PSoC with Friends! Word Scramble Game | <http://www.element14.com/community/message/80752> |
| 38 | Ultrasoninc Distance Measurement | <http://www.element14.com/community/message/81101> |
| 39 | Two PWMs for the price of one | <http://www.element14.com/community/message/81274> |
| 40 | Pioneer PNP Sensors | <http://www.element14.com/community/message/81274> |
| 41 | Thermistor | <http://www.element14.com/community/message/81468> |
| 42 | Hangman Game | <http://www.element14.com/community/message/81469> |
| 43 | Rolling Robot | <http://www.element14.com/community/message/81714> |
| 44 | Proximity Sensing Robot | <http://www.element14.com/community/message/81716> |
| 45 | Stepper Motor | <http://www.element14.com/community/message/81998> |
| - | US Holiday | - |
| 46 | Paint the night – Accelerometer example | <http://www.element14.com/community/message/82154> |
| 47 | Obstacle Avoider | <http://www.element14.com/community/message/82388> |
| 48 | Line Follower | <http://www.element14.com/community/message/82410> |
| 49 | Android Phone Controlled Robot | <http://www.element14.com/community/message/82602> |
| 50 | SD Card Mass Storage Device | <http://www.element14.com/community/message/82632> |
| - | Half Way Post | Single Link for 1-50 downloads |
| ***51*** | ***More to come…*** | [***www.element14.com/psoc4***](http://www.element14.com/psoc4) |