
ADK0061 Dev Kit User Guide

Introduction

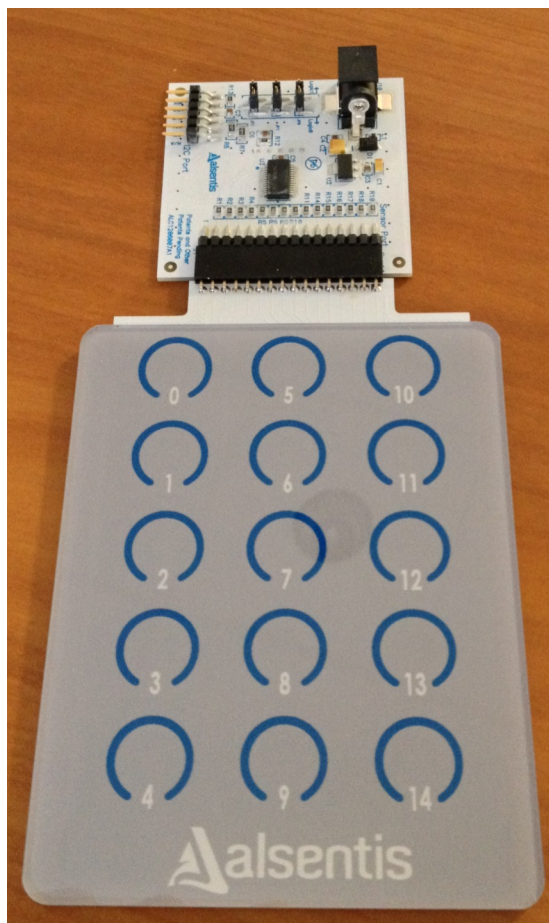
Thank you for purchasing the HSS™ A0061 15 input Development kit from *AlSentis* L.L.C. This kit provides the means to evaluate, design, and troubleshoot with the A0061 IC from *AlSentis*. The Dev Kit can be used in conjunction with Touch Studio software or stand alone in your design as a first pass prototype.

ADK0061 Development Kit Contents

The ADK0061 Development kit consists of 2 components:

- 1 - A0061 Controller Board
- 2 - 15 button Evaluation Panel

Controller Board



Evaluation Panel

A0061 Controller Board

The A0061 Controller Board consists of 3 main circuits:

1 - Power Supply

Input: +5, 9, 0r 12Vdc / 100 ma

DC Jack 2.1mm I.D. / 5.5mm O.D. Center terminal +Vdc

2 - Sensor IC

15 HSS™ Touch Sensor buttons

0.100" - 16 pin header connector to connect the evaluation panel or any other sensor board

3 - Address and Communication

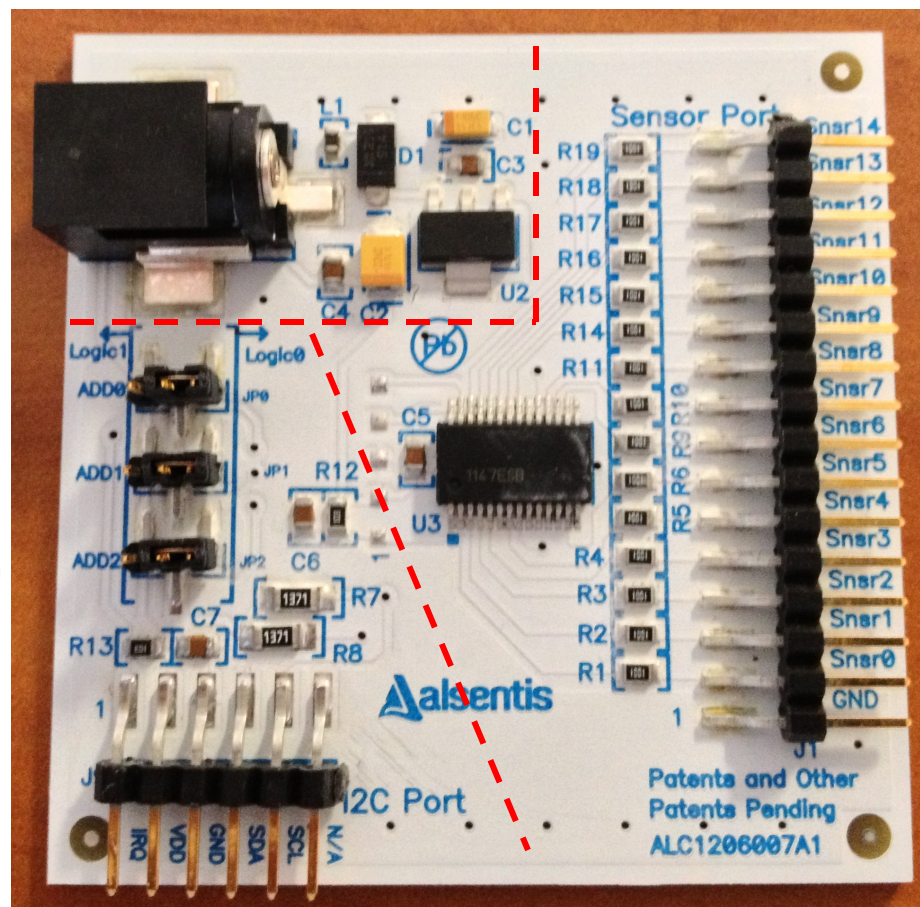
3 address jumpers for multi-chip I²C communication

0.100" - 6 pin header connector for the Alsentis USB to I²C bridge

Power Supply

Address and
Communication

Sensor IC



A0061 Evaluation Panel

The A0061 Evaluation Panel consists of 3 pieces:

1 - 2mm Plastic Substrate with Graphics

2 - 15 electrode Sensor PCB

3 - Connector

16 Pos. Sullins PPTC161LGBN-RC

	Sensor Number														
GND	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14



