# ASEK-1331-T-KIT Quick Guide

The ASEK-1331-T-KIT as described below is for the purpose of evaluating A1331 and A1334 single die and dual die device types.

## ASEK-1331-T-KIT Bill of Materials

- ASEK-20 Kit (Part # 85-0540-600)
  - ASEK-20 Chassis with main Motherboard inside (85-0540-004)
  - USB Communications Cable
  - DC Power Supply/Cable with AC Outlet Adapters
  - Proto Board ( Part # 85-0540-103) (Not required with A1331/34 communication)
  - Ribbon Cable (Part # 85-0540-300)
- ASEK-1331-SUBKIT-T:
  - A1331/34 Daughterboard (Part #: 85-0540-109 / Stenciled A1332)
  - A1331 Socketed single die grand-daughter board (Part #: 85-0677-002 / Stenciled A1331-SD)
  - A1331 Socketed dual die grand-daughter board (Part # 85-0677-003 / Stenciled A1331-DD)



| Figure 1. ASEK 20 Kit | Figure 2. ASEK-1331-SUBKIT-T |
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## Instructions for Configuring ASEK-1331-T-KIT

1. Connect one end of the USB communications cable to a personal computer
2. Connect the other end of the USB communications cable to the "USB" port on the ASEK-20 chassis.
3. Connect the ribbon cable to the J2 connector on the daughterboard (85-0540-109)
4. Connect the other end of the ribbon cable to the "Device Connection" port on the ASEK-20 chassis
5. Mount the socketed grand-daughterboard (either 85-0677-002 or 85-0677-003) onto daughter board (85-0540-109)
6. Connect the DC Power Supply/Cable to the 5V port on the ASEK-20 chassis
7. Plug in the DC Power Supply to a 110V/220AC 60/50Hz outlet with the proper adapter
8. Place A1331 device in grand-daughter board (either 85-0677-002 or 85-0677-003) socket.

*Note: Though the daughter board includes an A1332 stencil they are designed to work with the A1331/34 devices as well.*
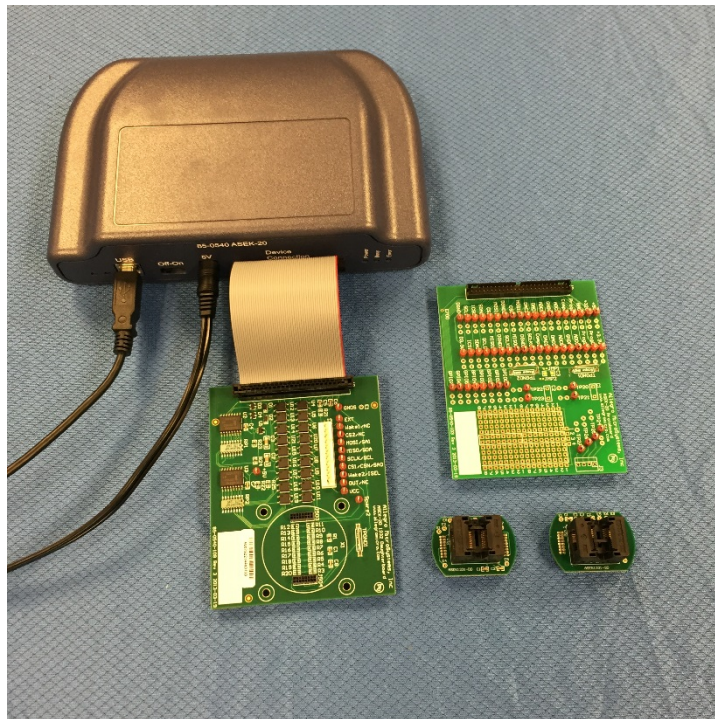


Figure 3. Setup of ASEK-1331-T-KIT

## Upload Software GUI for ASEK-1331-T-KIT
In order to upload the software, register at the software portal below:
https://registration.allegromicro.com/login

## A1331 Sample Devices

A1331 samples are not included with the ASEK-1331-T-KIT. Please contact your local FAE or factory for samples.

## Revision History Table

| Revision | Change Description | Res. | Page(s) | Date |
|----------|-------------------|------|---------|------|
| - | Original release | MD | All | 10/10/2013 |
| | Link for software portal and text edit | NK | All | 3/30/2015 |
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