

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)
 - o ASEK-20 Chassis with main Motherboard inside (85-0540-004)
 - o USB Communications Cable
 - DC Power Supply/Cable with AC Outlet Adapters
 - o Proto Board (Part # 85-0540-103) (Not required with A1331/34 communication)
 - o 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

- 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

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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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