



High-speed operational amplifier evaluation board kit

The KITHSEVAL/STDL high-speed operational amplifier evaluation board kit is comprised of:

- 5 unmounted evaluation boards,
- a CDROM of documentation, including:
 - a user manual for the boards,
 - datasheets for the supported high-speed operational amplifiers.

Each evaluation board allows the user to evaluate one operational amplifier at a time. Each evaluation board is generic for a given package and number of channels:

- The **SOT23_SINGLE_HF** board supports a single-channel high-speed operational amplifier in the SOT23-5L package.
- The **SO8_SINGLE_HF** board supports a single channel high-speed operational amplifier in SO8 package.
- The **SO8_DUAL_HF** board supports a dual high-speed operational amplifier in the SO8 package.
- The **SO8_S_MULTI** board supports a high-speed operational amplifier in the SO8 package for both inverting and non-inverting configurations, dual or single supplies.

Part Number	Number of channels	Supported Package(s)
TS613	Dual	SO8
TS616	Dual	SO8
TSH70	Single	SOT23-5L, SO8
TSH71	Single with standby	SO8
TSH72	Dual	SO8
TSH73	Triple	SO14
TSH80	Single	SOT23-5L, SO8
TSH81	Single with standby	SO8



- The **SO14_TRIPLE** board supports a triple high-speed op-amp in the SO14 package with video application considerations.

Each of these evaluation boards is unmounted PCB, and must be mounted with the necessary external components. The choice of these external components depend upon which operational amplifier is being evaluated, as well as the desired evaluation conditions (desired gain, etc.). A layout example is shown for each demoboard in the user manual on the kit's CD-ROM.

The high speed operational amplifiers supported by this evaluation board kit are shown in the table below:

Part Number	Number of channels	Supported Package(s)
TSH110	Single	SOT23-5L
TSH111	Single with standby	SO8
TSH112	Dual	SO8
TSH113	Triple	SO14
TSH310	Single	SOT23-5L, SO8
TSH330	Single	SO8
TSH350	Single	SOT23-5L, SO8
TSH340	Single	SOT23-5L, SO8

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Part Number	Number of channels	Supported Package(s)
TSH82	Dual	SO8
TSH93	Triple	SO14

Part Number	Number of channels	Supported Package(s)
TSH341	Single	SOT23-5L, SO8

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