



Direct drop-in replacements are available for many hard-to-find components. Commercial and full MIL-Spec devices can be provided. Costly and impractical redesign of systems can be avoided by extending the life of these legacy parts. TO – packages, flatpacks and DIP devices are among the many styles offered.

The major semiconductor manufacturers have ceased production on many components that are key to the viability of older systems. In many cases, we can provide drop-in replacement parts.

We provide replacements for many discontinued components by National Semiconductor (LH and DH series), Comlinear hybrids, Lambda regulators, Sprague, and others.

In some cases we have been fortunate enough to arrange a transfer of information and/or materials from the original manufacturer to assist us in these efforts. In other cases, we work from published data sheets and/or “dead” or “live” reference units, as applicable, to provide a device that is as nearly identical to the original as possible. We may already have units in stock or in process of the type you need.

Alternatively, we can frequently offer upgraded versions of obsoleted components, for those cases where the performance of the original devices left something to be desired. Parameters such as switching speed, settling time, supply current, offset voltage, and noise performance can usually be optimized to improve system performance. Such upgrades must be handled with care, though, to ensure that an “upgrade” doesn’t cause unexpected changes elsewhere in the system. To that end, in most such cases we are pleased to provide a prototype unit for evaluation, before committing to a larger volume and/or full MIL screening procedures.

Commercial and MIL versions are possible. We can provide Life Test, DPA, RGA, Solderability, Vibration, Burn-in, Constant Acceleration, and other tests that are sometimes required when certifying a part from a new vendor. Oftentimes, qualification can be by similarity to the original manufacturer’s device.

Switch
Drivers

Linearizers

Special
Assemblies

Sensor
Products

Software

Services

Facilities

Press
Release

Miscellaneous