

Why Do You Need EPC's Opto-ASIC Technology?

In a world where there is no room for mistakes and no time for repairs, it is essential that the devices you count on consistently produce reliable results. Accu-Coder™ Brand Encoders, enhanced with EPC's Opto-ASIC Technology and backed by EPC's industry leading three year standard product warranty, provide you with years of trouble free use. At the heart of EPC's Opto-ASIC technology is a single chip which combines all of the components of a typical sensor board, including the photosensor, into a single circuit. While this in itself may sound unimportant, the resulting benefits over traditional sensor boards are numerous.

EPC's Opto-ASIC Technology Benefits Include:

- Clean, reliable signals with greater immunity to electrical noise than traditional analog sensors. Missed and extra counts are virtually eliminated.
- Speed, reliability, and signal quality are all greatly increased.
- Quadrature drift from exposure to time and temperature is virtually eliminated.
- Superior resistance to signal distortion related to particulate contamination. If dust does get into your optics, it's not as likely to cause a problem.
- Reduced power consumption.



EPC's Opto-ASIC
Chip Shown
Actual Size



EPC's Opto-ASIC chip eliminates the need for many board level components, leaving room for more features while improving performance.

EPC's Opto-ASIC chip provides all of these benefits while reducing costs and space requirements. The chip is just 3.5mm x 4mm and replaces all of the standard components of a traditional sensor board, leaving plenty of room for enhanced features.

With EPC's Opto-ASIC Technology You Get A Cleaner, More Reliable Output Signal, In An Astoundingly Small Package. Why Would You Use Anything Else?



Opto-ASIC Encoders

The ACCU-CODER™ Advantage