



The DNA of tech.®

Upgraded IR Receiver Modules for Remote Control Applications

# Feature New Cyllene 2 IC, Offer Drop-in Replacements for Existing Solutions



## ADVANTAGE

Low current consumption over a wider voltage range and improved ESD robustness and dark-ambient sensitivity

## KEY PRODUCT FEATURES

- ✓ Supply voltage range: 2.0 V to 5.5 V
- ✓ Carrier frequencies: 30 kHz to 56 kHz
- ✓ High ESD withstand capability to 12 kV
- ✓ Offer increased robustness against
  - Disturbances such as IR emissions from different kinds of lamps
  - EMI from nearby Wi-Fi antennas operating at 2.4 GHz and 5 GHz

## MARKETS AND APPLICATIONS



### CONSUMER

- Entertainment - TVs, STBs, video game systems, soundbars, audio equipment, and more

## ADDITIONAL BENEFITS

- The [TSOP32xx](#), [TSOP33xx](#), [TSOP34xx](#), [TSOP36xx](#), [TSOP37xx](#), [TSOP38xx](#), [TSOP39xx](#), and [TSOP75xx](#) series each consist of a photodetector, preamplifier circuit, and IR filter in a single leaded or surface-mount package
- Insensitive to supply voltage variations and ripple noise
- Available in five automatic gain control (AGC) versions for short and long burst codes



## RESOURCES



Order Samples



Product Page



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Design Tools



Calculators