



# Upgraded IR Receiver Modules

## INTRODUCTION OF NEW CYLLENE 2 IC

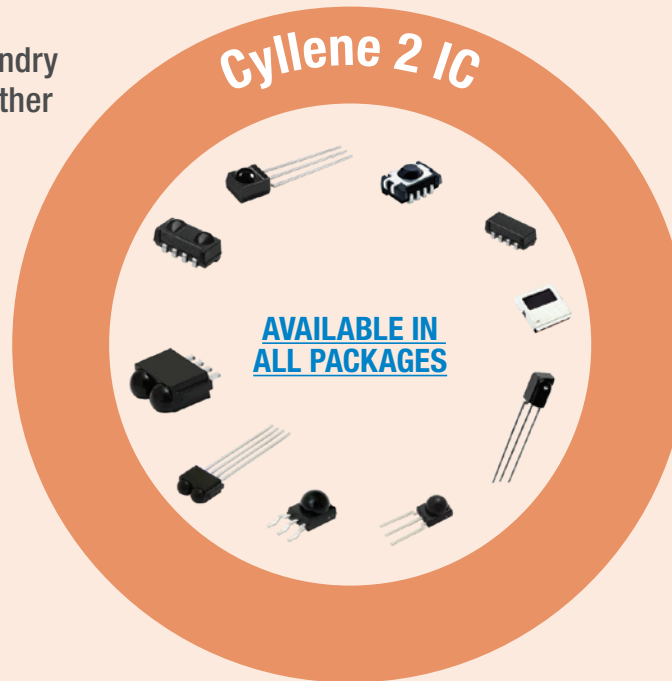
The new Cyllene 2 IC uses the latest chip technology from the world's leading chip foundry for improved performance. It replaces the Aether IC in existing product series.

### 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**
- Offers 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

Insensitive to **supply voltage variations** and **ripple noise**

Available in **five automatic gain control (AGC)** versions for short and long burst codes



### ADVANTAGE

Secures **long term product availability**

Plug'n play solution (**no PCB change** in customer's application)

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

### UPGRADED PART NUMBERS

[TSOP32xx](#), [TSOP33xx](#), [TSOP34xx](#), [TSOP36xx](#), [TSOP37xx](#), [TSOP38xx](#), [TSOP39xx](#), and [TSOP75xx](#) series

### APPLICATIONS

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



VIDEO GAME SYSTEMS



TVs



SOUNDBARS



AUDIO EQUIPMENT



SET-TOP BOXES

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