

## Product Overview

### CM2020-00TR: HDMI Transmitter Port Protection and Interface Device

For complete documentation, see the data sheet.

The CM2020-00TR HDMI Transmitter Port Protection and Interface device is specifically designed for next generation HDMI source interface protection. An integrated package provides all ESD, level shift, overcurrent output protection and backdrive protection for an HDMI port in a single 38-Pin TSSOP package. The CM2020-00TR part is specifically designed to complement the CM2021 protection part in HDMI receivers (Displays, DTV, CE devices, etc.) The CM2020-00TR also incorporates a silicon overcurrent protection device for +5V supply voltage output to the connector.

### Features

- 0.05pF matching capacitance between the TMDS intra-pair
- Level shifting/isolation circuitry
- HDMI 1.3 compliant
- Provides ESD protection to IEC61000-4-2 Level 4 at  $\pm 8\text{kV}$  contact discharge and  $\pm 15\text{kV}$  air discharge

### End Products

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 11/24/2020