



1.2V/1.32V 0.4A Low Dropout Fixed-Mode Regulator

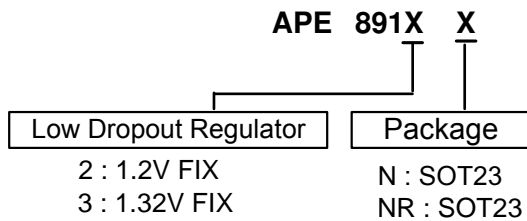
■ **Features**

- 1.5V maximum dropout at full load current
- Fast transient response
- Output current limiting
- Built-in thermal shutdown
- Needs Only 1uF Capacitor for stability
- Good noise rejection
- 3-Terminal Fixed 1.2V/1.32V
- Low ESR Ceramic Capacitor for output stability
- Packages : SOT23
- RoHS Compliant

■ **Applications**

- PC peripheral
- Communication
- LCD Modules

■ **Ordering Information**



■ **General Description**

APE891X is a low dropout fixed-mode regulator with minimum of 0.4A output current capability. The product is specifically designed to provide well-regulated supply for low voltage IC applications such as high-speed bus termination and low current 1.2V/1.32V logic supply.

APE891X is guaranteed to have lower than 1.5V dropout at full load current making it ideal to provide well-regulated outputs of 1.2V/1.32V with 2.4V to 6V input supply.

■ **Typical Circuit**

