

VR3-18-60 - 3.3 to 1.8V Voltage regulator

FEATURES

- 1.85V output $\pm 5\%$
- 60mA maximum Load current
- Overload protection through current limiting
- Maximum load regulation drop of 100mV
- Quiescent current - Iq max. 600uA
- PSRR > 40dB
- Software re-targetable (Spec. & Process)

APPLICATIONS

On chip voltage regulation for analog or digital circuits

TECHNOLOGY: 0.18um single Poly, 5 Metal Low Leakage CMOS Process

OVERVIEW

The cell is a medium current, low voltage drop, series 3.3volt to 1.8 volt voltage regulator. The maximum voltage drop at the full load of 60mA, does not exceed 20mV. The cell also shows excellent transient line regulation characteristics. Built-in current limiting protects the cell against overload conditions

FUNCTIONAL DIAGRAM

