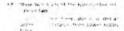
STANDARD APPLICATION



in a design of a group of the plant of the state of the s









Gutput Voltage +25°C 5.2 V typ (MC7905.8)

2 Visyp (MC7902 Load Regulation

Γ_J + 25°C. 5 0 mA ≤ 0 ≤ 1.5 A 12 mV/typ 250 mA ≤ 10 ≤ 750 mA 45 mV/typ

Output Noise Voltage (TA = +25°C, 10Hz €1 € 100 KHz)
42 µV/typ

Negative Voltage Regulators

The MC7900C Series of fixed output negative voltage regulators are intended as complements to the popular MC7800C Series devices. These negative regulators are available in the same seven-voltage options as the MC7800C devices. In addition, two extra voltage options commonly employed in MECL systems are also available in the negative MC7900C Series.

Available in fixed output voltage options from -2.0 to -24 volts, these regulators employ current limiting, thermal shutdown, and safe-area compensation — making them remarkably rugged under most operating conditions. With adequate heat-sinking they can deliver output currents in excess of 1.0 ampere.

- No External Components Required
- Internal Thermal Overload Protection
- Internal Short-Circuit Current Limiting
 Output Transistor Safe-Area Compensation
- Packaged in the Plastic Case 199-04 (Pin Compatible with the VERSAWATT or TO-220)
 Or Hermetic TO-3 Type Metal Power Package.