



FUKUCOM COMPANY LTD.

福靈有限公司

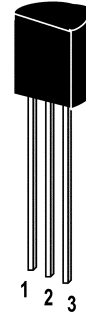
FLAT P, 3/F., EVEREST INDUSTRIAL CENTRE, 396 KWUN TONG ROAD, KWUN TONG, KOWLOON, HONG KONG. TEL: 852-2790 0314 FAX: 852-2790 0206

ST 78L05

3-Terminal positive voltage regulator

5V

- Suitable for TTL, DTL, HTL, C-MOS, Power Supply
Internal Short-Circuit Current Limiting
Internal Thermal Overload Protection
Maximum Output Current of 150 mA (Tj = 25 °C)
Available in the Plastic TO-92 Package



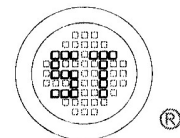
1. Output 2. Common 3. Input TO-92 Plastic Package

Absolute Maximum Ratings (Ta = 25 °C)

Table with 4 columns: Parameter, Symbol, Rating, Unit. Rows include Input Voltage, Power Dissipation, Operating Temperature, Storage Temperature Range.

Electrical Characteristics (Unless otherwise specified, VIN = 10 V, IOUT = 40 mA, CIN = 0.33 μF, COUT = 0.1 μF, Tj = 25 °C)

Table with 7 columns: Parameter, Symbol, Test Condition, Min., Typ., Max., Unit. Rows include Output Voltage, Input Regulation, Load Regulation, Quiescent Current, Output Noise Voltage, Ripple Rejection, Dropout Voltage, Average Temperature Coefficient of Output Voltage.



SEMTECH

Dated : 23/02/2006



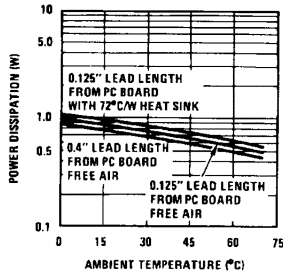
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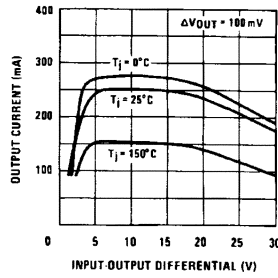
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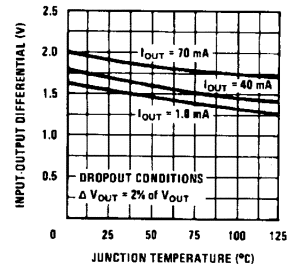
Maximum Average Power Dissipation



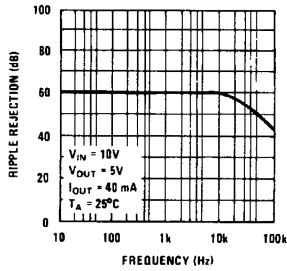
Peak Output Current



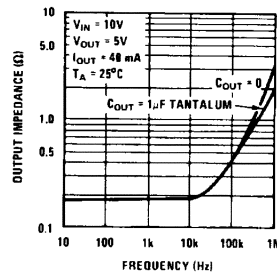
Dropout Voltage



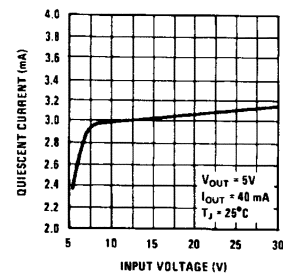
Ripple Rejection



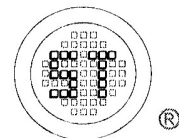
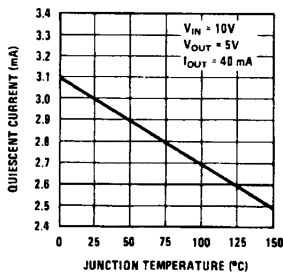
Output Impedance



Quiescent Current



Quiescent Current



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