

AC to DC Switching Converter Off-Line Switcher 124kHz to 140kHz 7-Pin PDIP-C

Manufacturer: [Power Integrations, Inc](#)

Package/Case: DIP-7

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

Key Features

Line compensated overload power - No additional components

Dramatically reduces max overload variation over universal input voltage range

Simple ON/OFF control, no loop compensation needed

Selectable current limit through BP/M capacitor value

Higher current limit extends peak power/in open frame, maximum continuous power

Allows optimum TinySwitch-4 choice by swapping devices with no other circuit redesign

Maximizes MOSFET and magnetic utilization

ON-time extension - Extends low-line regulation range/hold-up time to reduce input bulk capacitance

Self-biased - No bias winding or bias components

Frequency jittering reduces EMI filter

Pin-out simplifies heat sinking to the PCB

SOURCE pins are electrically quiet for low EMI

Accurate hysteretic thermal shutdown protection with automatic recovery eliminates need for reset

Output overvoltage shutdown with optional Zener

Fast AC reset with optional UV external resistor

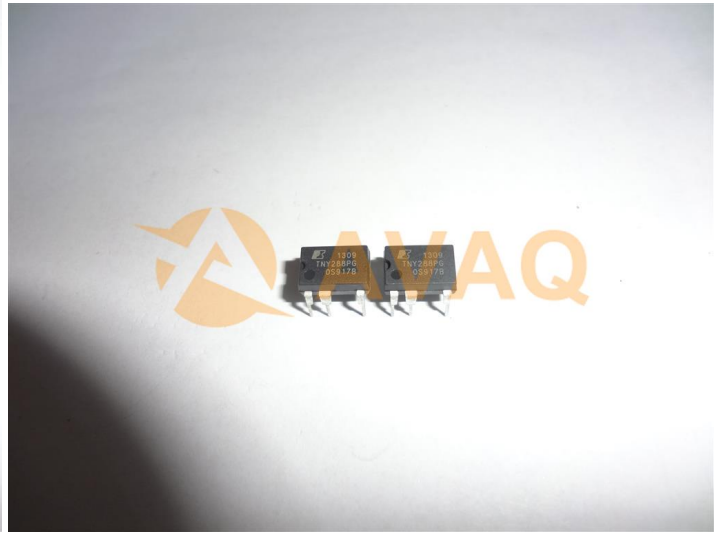
Very low component count enhances reliability and enables single-sided printed circuit board layout

High bandwidth provides fast turn-ON with no overshoot and excellent transient load response

Extended creepage between DRAIN and all other pins improves field reliability

Easily meets all global energy efficiency regulations

ON/OFF control provides constant efficiency down to very light loads



Recommended For You

TNY276PN

Power Integrations, Inc

DIP7

TNY275PN

Power Integrations, Inc

DIP7

TNY285PG

Power Integrations, Inc

DIP-7

TNY180PN

Power Integrations, Inc

DIP7

TNY277PN

Power Integrations, Inc

DIP7

TNY290PG

Power Integrations, Inc

DIP-8

TNY177PN

Power Integrations, Inc

DIP7

TNY274PN

Power Integrations, Inc

DIP-7

TNY278PN

Power Integrations, Inc

DIP7

TNY265PN

Power Integrations, Inc

DIP7

TNY264PN

Power Integrations, Inc

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TNY267PN

Power Integrations, Inc

DIP7

TNY266PN

Power Integrations, Inc

DIP-7

TNY280PN

Power Integrations, Inc

DIP7

TNY176PN

Power Integrations, Inc

DIP-7