



Voltage Regulators

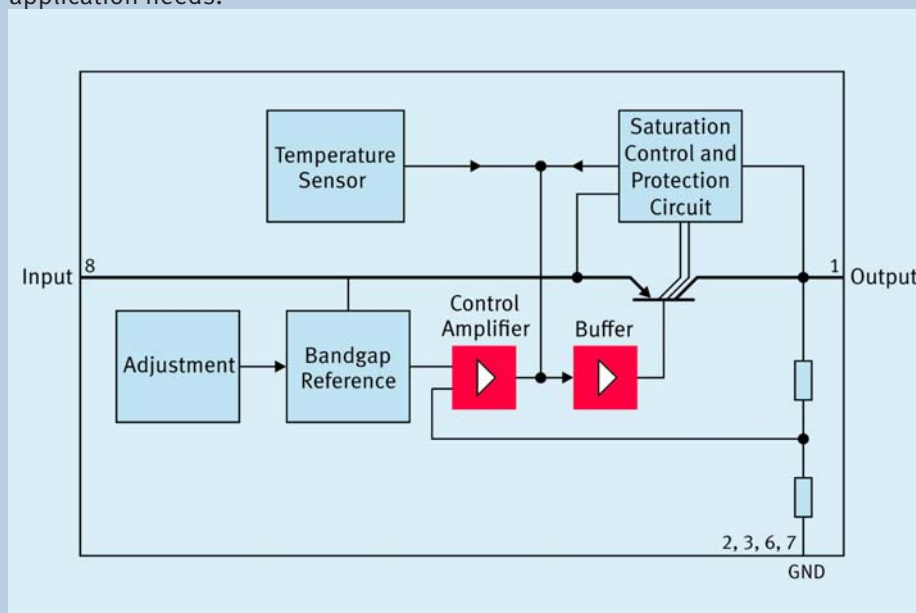
Reliable Power Management Solutions

Did you Know...

an increase in energy efficiency...

- Extends battery life
- Extends operating time
- Reduces cost

INFINEON TECHNOLOGIES offers a comprehensive portfolio of linear voltage regulators fitting a broad range of consumer, computing, communications and industrial applications. By leveraging our long standing and market leading experience in automotive power supplies application, we are expanding our portfolio to provide power supply solutions to our customer`s current and future application needs.



IFX 2931 Block Diagram

www.infineon.com/industrial-voltage-regulators

Applications

- Industrial & consumer
- Manufacturing & automation
- HDTV & Flat panel monitors
- Appliances / White goods
- Battery chargers
- Battery powered instrumentation
- USB HUBs, routers, modems
- Post regulator for DC/DC converts
- Active SCSI terminators
- Cordless phones
- Metering systems
- Motor drives



Voltage Regulators

Reliable Power Management Solutions

Linear voltage Regulators for Industrial and Consumer Applications

<ul style="list-style-type: none"> ■ Pin-to-pin compatible to industry standard parts ■ High input voltage rating: Up to 45V ■ Very low dropout voltage ■ Temp. range: -40° to 125°C ■ Low current consumption 	<ul style="list-style-type: none"> ■ Reverse polarity protection ■ Overtemperature protection ■ Overload protection ■ Overvoltage/Short-circuit protection
---	--

Product	Package	Green	Max Input voltage	Output voltage	Accuracy	Max Output Current
IFX 20001	PG-SCT595-5	Yes	45	3.3,5.0	4.0%	30mA
IFX 2931	PG-DSO-8	Yes	28	3.3,5.0	5.0%	100mA
IFX 24401	PG-SSOP-14	Yes	42	5.0	2.0%	300mA
IFX 25001	PG-SOT-223,PG-TO-252,PG-TO-263,PG-TO-220	Yes	45	2.5,3.3,5.0 8.5,10.0	4.0%	400mA
IFX 25401	PG-TO252,PG-TO-263	Yes	40	5.0,adj	4.0%	400mA
IFX 8117	PG-SOT-223	Yes	20	3.3,5.0,adj	2.0%	1000mA
IFX 27001	PG-TO-252	Yes	40	1.5,1.8,2.6 3.3,5.0,adj	3.0%	1000mA

ALL OUR DEVICES are especially designed for use in harsh environments. Our robust design approach ensures delamination-free ICs and long-term reliability.

GREEN PRODUCTS (RoHS compliant) meet the world-wide customer requirements for being environmentally friendly products and to be compliant with government regulations. Green products are RoHS-Compliant.

Published by
Infineon Technologies AG
85579 Neubiberg, Germany

© 2010 Infineon Technologies AG.
All Rights Reserved.

Visit us:
www.infineon.com

Order Number: B124-H9492-X-X-7600
Date: 06 / 2010

ATTENTION PLEASE!

The information given in this document shall in no event be regarded as a guarantee of conditions or characteristics ("Beschaffenheitsgarantie"). With respect to any examples or hints given herein, any typical values stated herein and/or any information regarding the application of the device, Infineon Technologies hereby disclaims any and all warranties and liabilities of any kind, including without limitation warranties of non-infringement of intellectual property rights of any third party.

INFORMATION

For further information on technology, delivery terms and conditions and prices please contact your nearest Infineon Technologies Office (www.infineon.com).

WARNINGS

Due to technical requirements components may contain dangerous substances. For information on the types in question please contact your nearest Infineon Technologies Office. Infineon Technologies Components may only be used in life-support devices or systems with the express written approval of Infineon Technologies, if a failure of such components can reasonably be expected to cause the failure of that life-support device or system, or to affect the safety or effectiveness of that device or system. Life support devices or systems are intended to be implanted in the human body, or to support and/or maintain and sustain and/or protect human life. If they fail, it is reasonable to assume that the health of the user or other persons may be endangered.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Infineon:

[IFX25001ME V25](#) [IFX25001ME V33](#) [IFX25001TC V10](#) [IFX25001TC V50](#) [IFX25001TC V85](#) [IFX25001TF V33](#)
[IFX25001TF V50](#) [IFX25001TS V10](#) [IFX25001TS V50](#) [IFX25001TS V85](#) [IFX25001MEV33HTSA1](#)
[IFX25001TFV33ATMA1](#) [IFX25001TSV50AKSA1](#) [IFX25001TFV50ATMA1](#) [IFX25001TCV10ATMA1](#)
[IFX25001TFV33ATMA2](#)