

LDO Regulator, 30mA, 3.3 V, 4% 4+Tab-Pin, SCT-595

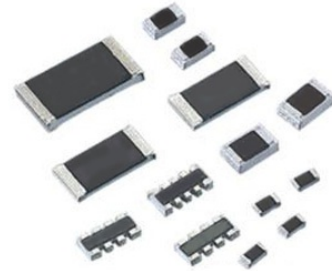
Manufacturers [Infineon Technologies Corporation](#)

Package/Case 6-SMD (5 Leads), Gull Wing

Product Type Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for IFX20002MBV33HTSA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The IFX20002 is a monolithic integrated low-drop voltage regulator in the very small SMD package PG-SCT595-5. It is designed to supply various loads (e.g. microprocessor) under over severe conditions. Therefore the device is equipped with additional protection functions against overload, short circuit and reverse polarity. In case of an overtemperature condition the regulator is automatically turned off by the integrated thermal protection circuit. Input voltages up to 45 V are regulated to V>

Features

3.3 V output voltage

Very small and thermally enhanced package SCT-595

Very low drop voltage 300mV

Output current: 30 mA

Inhibit function

Low quiescent current consumption

Input voltage up to 45 V

Wide temperature range: $-40\text{ }^{\circ}\text{C} \leq T_j \leq 125\text{ }^{\circ}\text{C}$

Output protected against short circuit

Overtemperature protection

Reverse polarity protection

Green Product (RoHS compliant)

High Input Voltage (>30V)

Smallest Form Factor

Wide Temperature Rang

Application

Industrial Automation

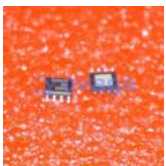
Medical & Healthcare

Building Automation

White Goods

Heating & Cooling Systems (HVAC)

Related Products



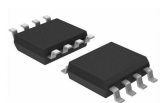
[IFX91041EJV](#)

Infineon Technologies Corporation
SOP8



[IFX21401MB](#)

Infineon Technologies Corporation
PG-SCT-595-5



[ISP742RIFUMA1](#)

Infineon Technologies Corporation
PG-DSO-8



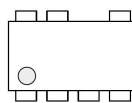
[IFX30081SJXUMA1](#)

Infineon Technologies Corporation
SOIC-8



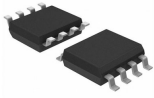
[IFX20001MBV33HTSA1](#)

Infineon Technologies Corporation
6-SMD (5 Leads), Gull Wing



[IFX9201SGAUMA1](#)

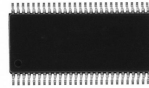
Infineon Technologies Corporation
12-BSOP (0.295, 7.50mm Width)



[IFX91041EJV33XUMA1](#)

Infineon Technologies Corporation

PG-DSO-8



[IFX91041EJV50XUMA1](#)

Infineon Technologies Corporation

8-SOIC (0.154, 3.90mm Width)