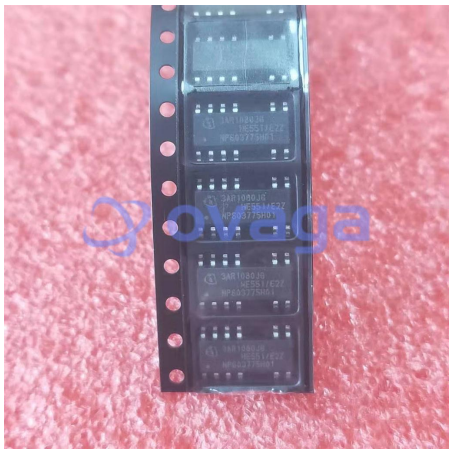
ICE3AR1080JG

Data Sheet

Manufacturers	Infineon Technologies Corporation
Package/Case	SOP-12
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ICE3AR1080JG or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

ICE3AR1080JG is a type of Integrated Power IC developed by Infineon Technologies AG, which is designed for AC-DC power supplies and switched-mode power supplies (SMPS) in a variety of applications such as home appliances, industrial automation, and LED lighting.

Features

It is a highly integrated device that combines several functions including a Power Factor Correction (PFC) controller, a half-bridge driver, and a protection circuitry.

It operates at a high frequency range of up to 100 kHz and has a built-in digital frequency modulation function to reduce electromagnetic interference (EMI) noise.

It supports various control methods such as current-mode control and voltage-mode control.

It has a wide input voltage range of 85V AC to 265V AC.

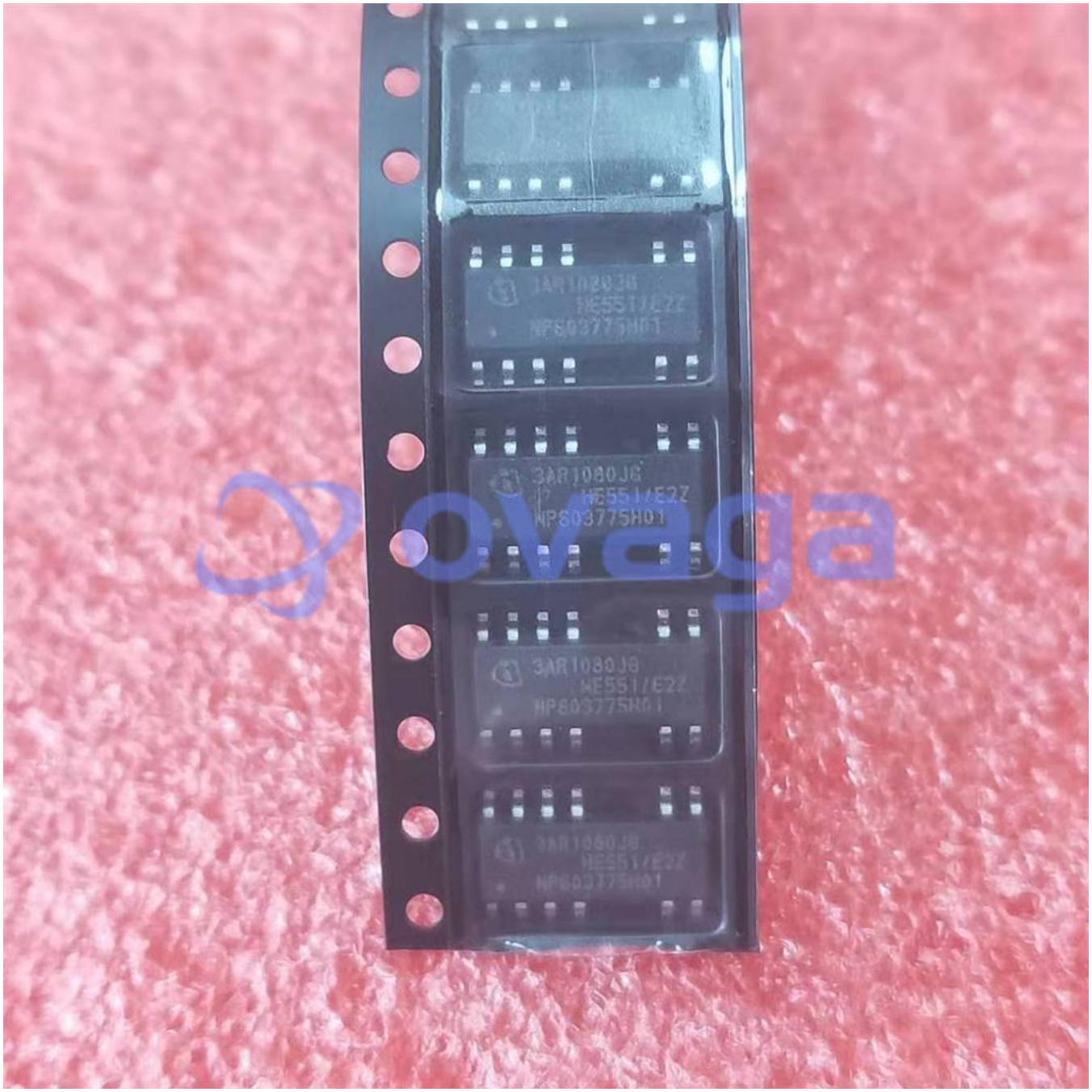
It features a high level of protection including overvoltage protection (OVP), overcurrent protection (OCP), over-temperature protection (OTP), and brownout detection.

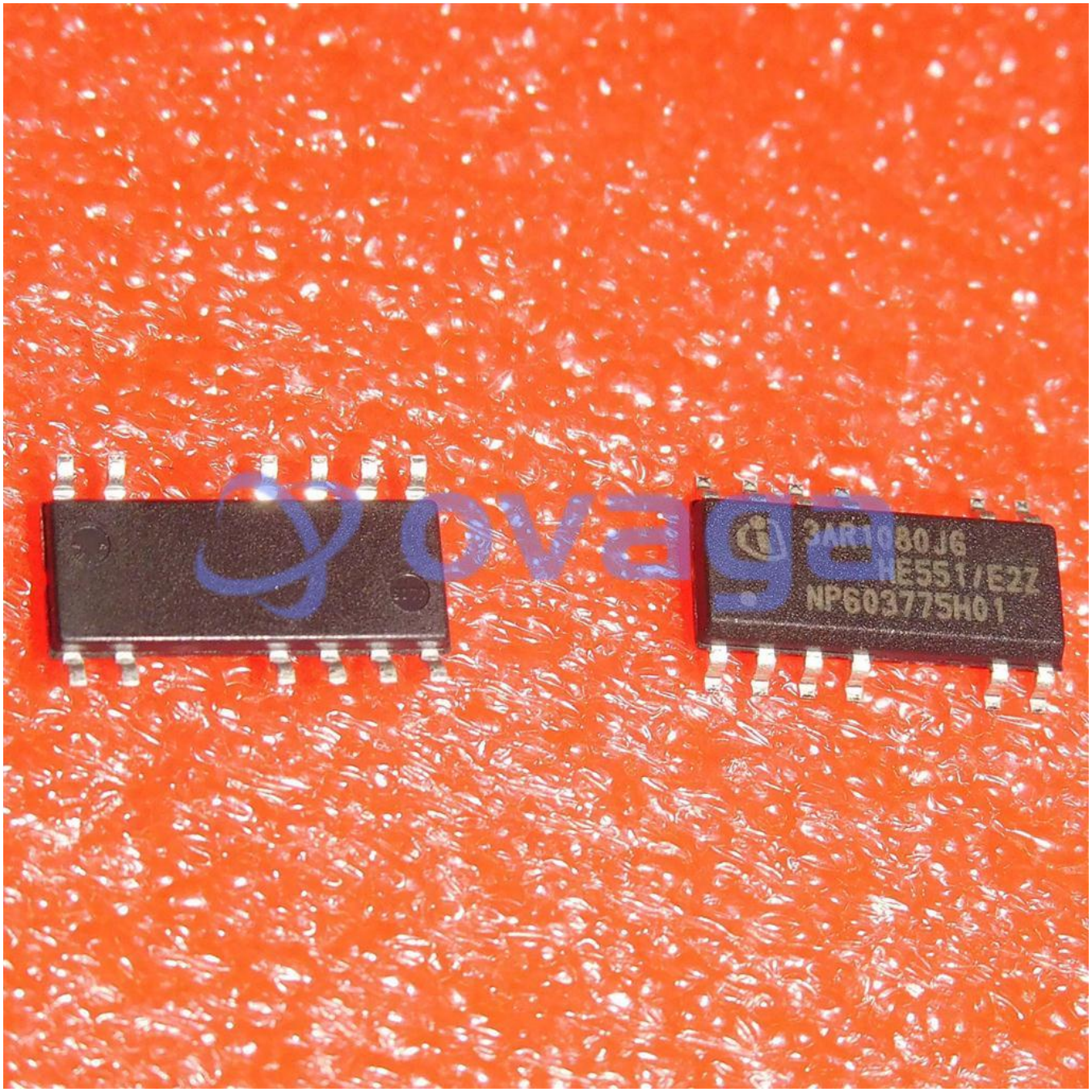
Application

Home appliances: such as refrigerators, washing machines, air conditioners, and televisions.

Industrial automation: such as motor drives, power supplies, and control systems.

LED lighting: for high-power LED drivers.


3AR1080J8
ME551/E2Z
NPS03775H01



Related Products

ICE5QR2280AZ

Infineon Technologies Corporation

ICL8002G

Infineon Technologies Corporation

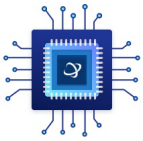
SOP-8

ICL8105

Infineon Technologies Corporation

TLE5045ICR050

Infineon Technologies Corporation



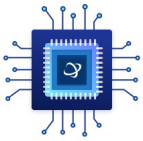
ICE5QR1680AG

Infineon Technologies Corporation

ICE3B0365

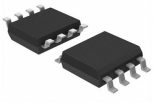
Infineon Technologies Corporation

DIP8



ICL5102

Infineon Technologies Corporation



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PG-DSO-8