

## Network Controller & Processor IC T/E

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	TQFP-144
Product Type	Communication & Networking ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PEF22554HTV3.1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

PEF22554HTV3.1 is a part number for a Power over Ethernet (PoE) controller integrated circuit (IC) manufactured by Infineon Technologies. This IC is designed to manage the power and data transfer over Ethernet cables, enabling the transmission of both power and data through a single cable.

## Features

- Compliance with IEEE 802.3af/at standards for PoE/PoE+ applications
- Integrated 650V MOSFETs with low RDS(on)
- High efficiency up to 93%
- Adjustable output voltage and current limit
- Protection against over-current, over-voltage, and short-circuit conditions
- Integrated thermal protection

## Application

- IP phones
- Wireless access points
- Network cameras
- Industrial Ethernet devices
- Building automation systems
- Internet of Things (IoT) devices



## Related Products



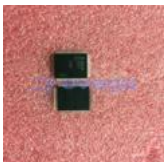
### [PEF20532FV1.3](#)

Infineon Technologies Corporation  
QFP-100



### [PEF22554HTV2.1](#)

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### [PEF20550HV2.1](#)

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### [PEF20525FV1.3](#)

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[PEF80912HV1.4](#)

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[PEF2256HV2.2](#)

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