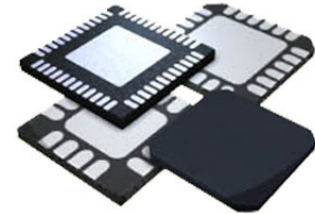


## DDR Termination Regulator 1.1V to 3.5V 10-Pin WDFN EP



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Richtek Technology Corporation](#)

**Package/Case:** QFN

**Product Type:** Power Management ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The RT9040 is a sink/source tracking termination regulator. It is specifically designed for low-cost and low-external component count systems. The RT9040 possesses a high speed operating amplifier that provides fast load transient response and only requires a minimum 20 $\mu$ F of ceramic output capacitance. The RT9040 supports remote sensing functions and all features required to power the DDRI / DDRII / DDRIII and Low Power DDRIII VTT bus termination according to the JEDEC specification. In addition, the RT9040 provides an open drain PGOOD signal to monitor the output regulation and an EN signal that can be used to discharge VTT during S3 (suspend to RAM) for DDR applications . The RT9040 is available in the thermal efficient WDFN-10L 3x3 package.

### Application

LCD TV

### Recommended For You

#### RT9026GFP

Richtek Technology Corporation

MSOP-10

#### RT9026GSP

Richtek Technology Corporation

SOP-8

#### RT9173CGSP

Richtek Technology Corporation

SOP-8

#### RT9199GSP

Richtek Technology Corporation

SOP8

#### RT1720GF

Richtek Technology Corporation

MSOP10

#### RT9026GQW

Richtek Technology Corporation

QFN

#### RT9045GSP

Richtek Technology Corporation

SOP-8

#### RT9992ZQW

Richtek Technology Corporation

WQFN-32

#### RT9174GS

Richtek Technology Corporation

SOP-8

**RT9199GS**

Richtek Technology Corporation

SOP-8

**RT5028AGQW**

Richtek Technology Corporation

QFN

**RT9174PS**

Richtek Technology Corporation

SOP-8

**RT5112HWSC**

Richtek Technology Corporation

WLCSP-25

**RT9089AGQW(2)**

Richtek Technology Corporation

WDFN-10

**RT1650WSC**

Richtek Technology Corporation

WLCSP48