

## DDR Termination Regulator 3.15V to 5.5V 8-Pin PSOP EP

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

**Package/Case:** SOP-8

**Product Type:** Power Management ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

RT9026GSP Image

Images are for reference only

[Inquiry](#)

### General Description

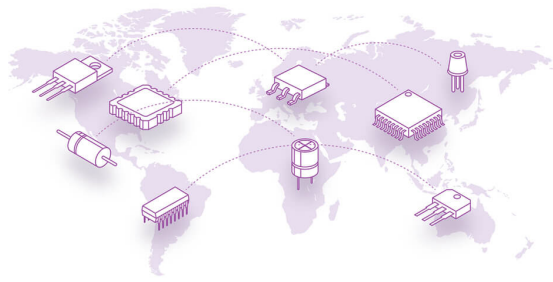
RT9026 is a 3A sink/source tracking termination regulator. It is specifically designed for low-cost and low-external component count systems. The RT9026 possesses a high speed operating amplifier that provides fast load transient response and only requires 20 $\mu$ F of ceramic output capacitance. The RT9026 supports remote sensing functions and all features required to power the DDRI/II/III and low-power DDRIII/DDRIV VTT bus termination according to the JEDEC specification. In addition, the RT9026 includes integrated sleep-state controls placing VTT in High-Z in S3 (suspend to RAM) and soft-off for VTT and VTTREF in S5 (shutdown). The RT9026 is available in the thermal efficient package SOP-8 (Exposed Pad), MSOP-10 (Exposed Pad) and WDFN-10L 3x3.

### Application

LCD TV

Notebooks

Motherboards



## Recommended For You

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### **RT9026GFP**

Richtek Technology Corporation

MSOP-10

### **RT9173CGSP**

Richtek Technology Corporation

SOP-8

### **RT9199GSP**

Richtek Technology Corporation

SOP8

### **RT1720GF**

Richtek Technology Corporation

MSOP10

### **RT9026GQW**

Richtek Technology Corporation

QFN

### **RT9040GQW**

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