


## Module 802.11b/g/n 2.4GHz 16000Kbps 63-Pin QFM T/R

<b>Manufacturer:</b>	<u>Texas Instruments, Inc</u>
<b>Package/Case:</b>	QFM63
<b>Product Type:</b>	RF Integrated Circuits
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The LMR14020 is a 40 V, 2 A step down regulator with an integrated high-side MOSFET. With a wide input range from 4 V to 40 V, it's suitable for various applications from industrial to automotive for power conditioning from unregulated sources. The regulator's quiescent current is 40  $\mu$ A in Sleep-mode, which is suitable for battery powered systems. An ultra-low 1  $\mu$ A current in shutdown mode can further prolong battery life. A wide adjustable switching frequency range allows either efficiency or external component size to be optimized. Internal loop compensation means that the user is free from the tedious task of loop compensation design. This also minimizes the external components of the device. A precision enable input allows simplification of regulator control and system power sequencing. The device also has built-in protection features such as cycle-by-cycle current limit, thermal sensing and shutdown due to excessive power dissipation, and output overvoltage protection.

### Key Features

- IPv6
- Enhanced Wi-Fi provisioning
- Optimized low-power management
- Enhanced file-system security
- Wi-Fi AP connection with up to four stations
- More concurrently opened BSD sockets up to 16 BSD sockets (6 are secure HTTPS support)
- HTTPS support
- RESTful API support
- Asymmetric keys crypto library

### Recommended For You

**CC2592RGVR**

Texas Instruments, Inc  
QFN16

**CC2541F256RHAR**

Texas Instruments, Inc  
QFN40

**CC2541F128RHAR**

Texas Instruments, Inc  
VQFN40

**CC2530F128RHAR**

Texas Instruments, Inc  
QFN40

**CC2540F128RHAR**

Texas Instruments, Inc  
VQFN40

**CC1110F32RSP**

Texas Instruments, Inc  
QFN

**CC1190RGVT**

Texas Instruments, Inc  
VQFN16

**CC1352R1F3RGZR**

Texas Instruments, Inc  
VQFN-48

**CC2640F128RSMR**

Texas Instruments, Inc  
VQFN32

**CC2540F256RHAR**

Texas Instruments, Inc  
QFN40

**CC2420RTCR**

Texas Instruments, Inc  
QFN48

**CC8520RHAR**

Texas Instruments, Inc  
VQFN40

**CC2564RVMT**

Texas Instruments, Inc  
BGA

**CC2640F128RGZT**

Texas Instruments, Inc  
VQFN-48

**CC1352P1F3RGZT**

Texas Instruments, Inc  
VQFN48