6+5+4 Channels PMU

Features

- **2.5V ~ 5.5V Input Voltage Operation.**
- **95% Efficient DC/DC Converter**
- **Built-in 6-ch synchronous buck converter, 5-ch LDOs, and 4-ch power switches.**
- **Low Power consumption (Sleep Mode) < 10μA.**
- **Built-In Power ON/OFF Sequence for PMU.**
- **Built-In Short Circuit Protection (SCP), Under Voltage Protection (UVP), and cycle-by cycle current limit for DC/DC Converters.**
- **Built-In Thermal Shutdown Function..**
- **TQFN40 Package (5mmx5mm).**
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General Description

The G2218 provide a complete power supply solution. On-chip MOSFETs provide up to 92~95% efficiency for critical power supplies. All channels DC/DC operate at one fixed frequency of 1.5MHz to optimize size, cost, and efficiency. All Synchronous converters operate at pulse skipping mode at light load.

Applications

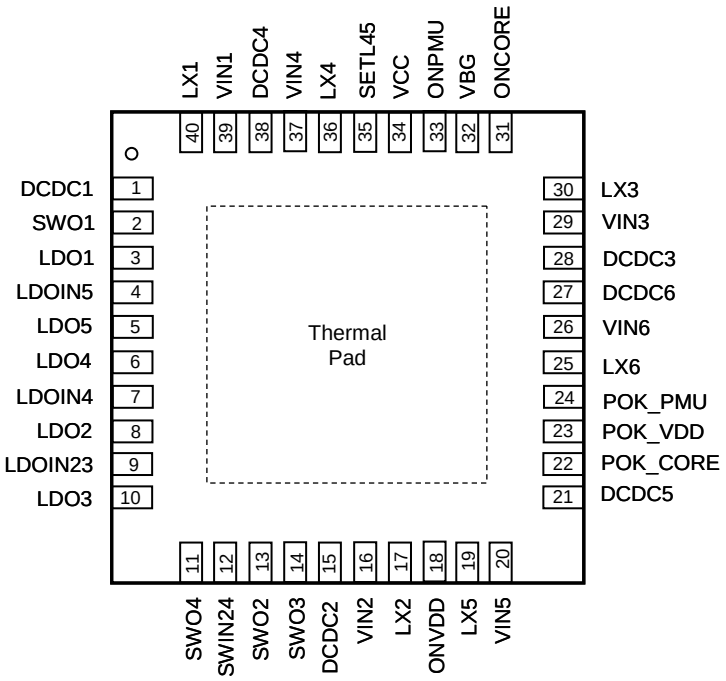
- **Tablet PC**

Ordering Information

ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G2218RG1U	2218	-35°C~+85°C	TQFN5X5-40

Note: RG:TQFN5x5-40
1: Bonding code
U: Tape & Reel

Pin Configuration



G2218 TQFN5X5-40

Note: Recommend connecting the Thermal Pad to the Ground for excellent power dissipation.