

I/O Expander, 40bit, 400 kHz, I2C, 2.3 V, 5.5 V, TSSOP

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	TSSOP-56
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PCA9505DGG,118 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PCA9505DGG,118 is a type of Integrated Circuit (IC) designed by NXP Semiconductors. It is a 40-pin Green BGA package with a lead-free finish, RoHS-compliant, and halogen-free.

Features

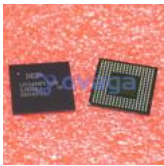
- 40-bit I/O expander with a built-in interrupt feature
- 2-wire I2C-bus interface (up to 400 kbit/s)
- Low standby current consumption of 0.1 μ A typical
- Operating voltage range of 2.3 V to 5.5 V
- Internal power-on reset
- Overvoltage, undervoltage, and over-temperature protection

Application

- LCD displays and backlights
- Keypad and button interface expansion
- LED and fan control
- GPIO expansion in embedded systems
- General-purpose I/O expansion in various applications



Related Products



[LPC2468FET208](#)

NXP Semiconductor
TFBGA-208



[PCA82C250N](#)

NXP Semiconductor
DIP-8



[LPC2210FBD144](#)

NXP Semiconductor
TQFP144



[PCA82C250T](#)

NXP Semiconductor
SOP8



[LPC2292FBD144](#)

NXP Semiconductor
LQFP-144



[LPC2214FBD144](#)

NXP Semiconductor
LQFP-144



[PCA82C250T/YM,112](#)

NXP Semiconductor
SO-8



[PCA9537DP](#)

NXP Semiconductor
TSSOP-10