

GPIO Expansion via SMBus or BC-Link Bus

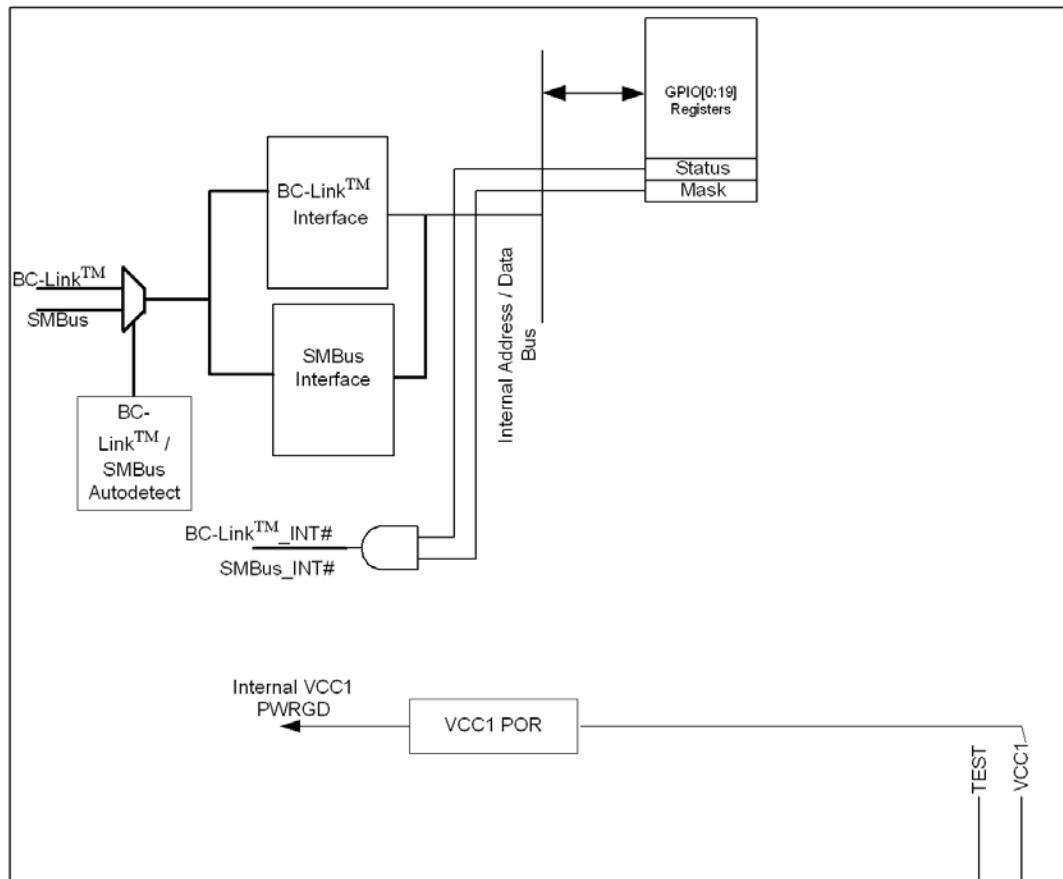
General Description

The ECE1088 is a 28-Pin 3.3V GPIO Expansion device. The device is connected to a Master via the BC-Link™ interface or via the SMBus.

Features

- 20 Multiplexed General Purpose I/O pins
 - All are MCU addressable I/O Pins
- BC-Link Interconnect Bus
 - Link to embedded controller
- SMBus Interconnect
 - One of two address selection
- 3.3V Operation
 - 28-Pin, QFN RoHS Compliant package
 - 0.5mm Pitch
 - 5x5mm Body size

Block Diagram



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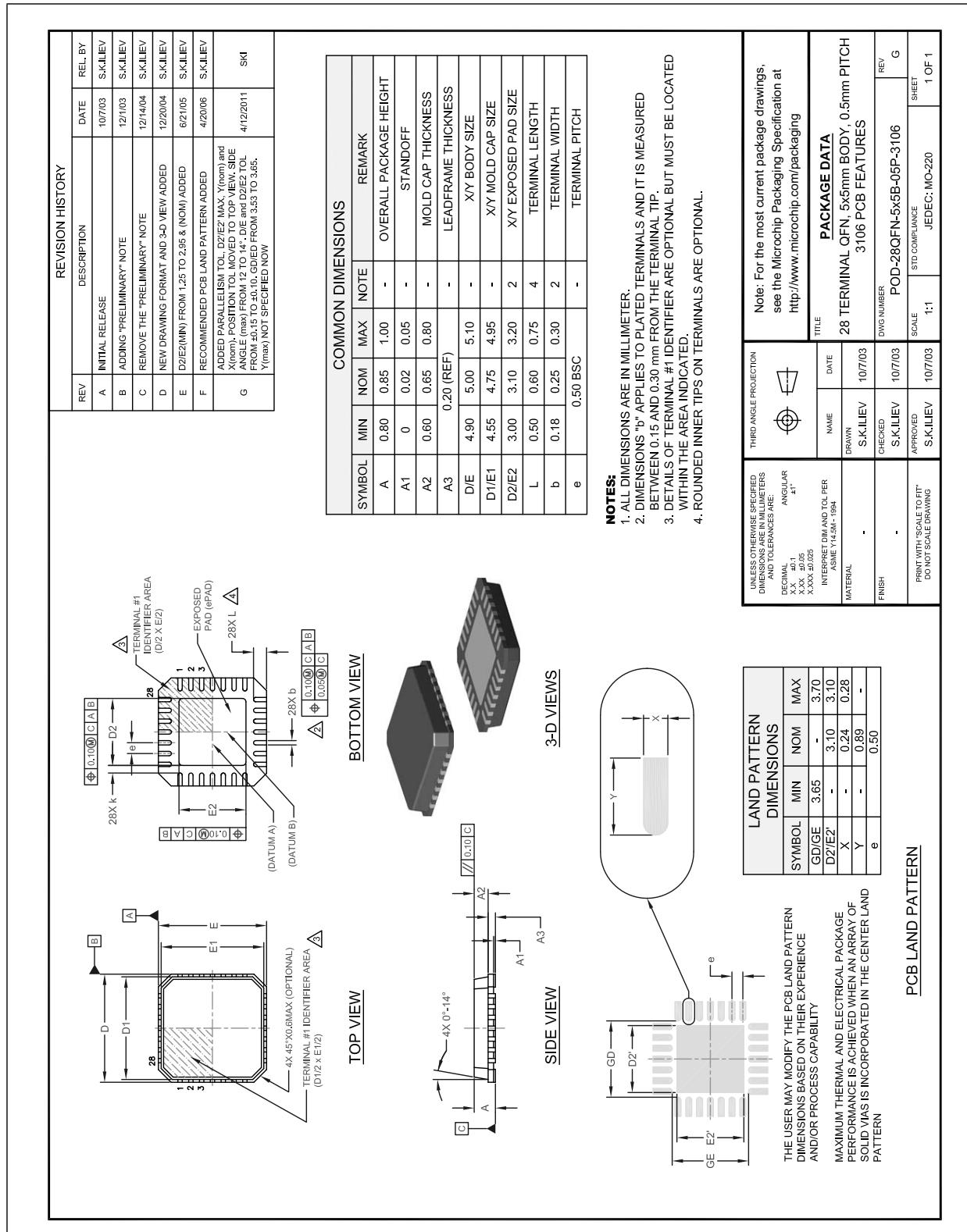
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PACKAGE OUTLINE

FIGURE 1: PACKAGE OUTLINE: 28-PIN QFN, 5X5 MM BODY



APPENDIX A: PRODUCT BRIEF REVISION HISTORY

TABLE A-1: REVISION HISTORY

Revision	Section/Figure/Entry	Correction
DS00001727A (04-29-14)	REV A replaces previous SMSC version Rev. 1.6 (02-21-11)	

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<u>PART NO.</u> ⁽¹⁾	-	<u>XXX</u> ⁽²⁾	-	<u>[X]</u> ⁽³⁾	Examples:
Device		Package		Tape and Reel Option	<p>a) ECE1088-DZK = 28-pin QFN</p>
<p>Device: ECE1088⁽¹⁾</p> <p>Package: DZK = 28 pin QFN⁽²⁾</p> <p>Tape and Reel Option: Blank = Tray packaging TR = Tape and Reel⁽³⁾</p>					<p>Note 1: These products meet the halogen maximum concentration values per IEC61249-2-21.</p> <p>Note 2: All package options are RoHS compliant. For RoHS compliance and environmental information, please visit http://www.microchip.com/pagehandler/en-us/aboutus/ehs.html.</p> <p>Note 3: Tape and Reel identifier only appears in the catalog part number description. This identifier is used for ordering purposes and is not printed on the device package. Check with your Microchip Sales Office for package availability with the Tape and Reel option.</p>

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