

GPIO Expansion via SMBus or BC-Link Bus

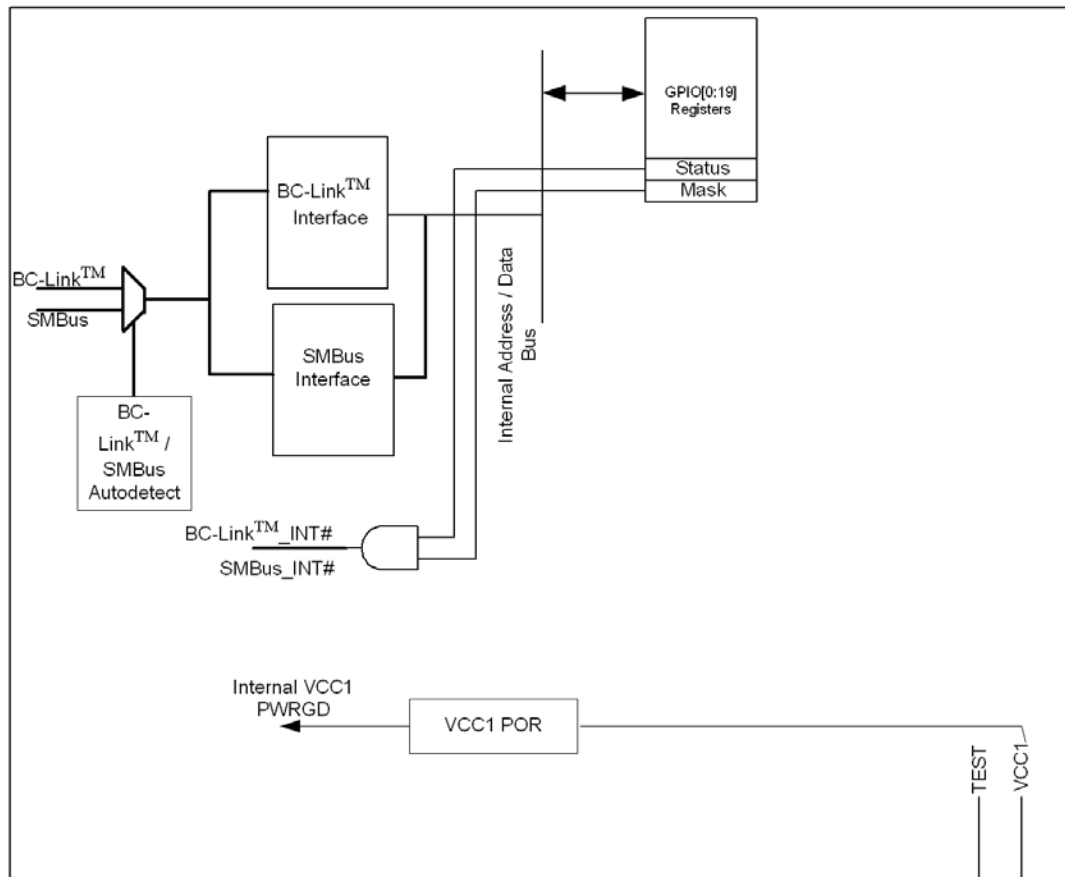
General Description

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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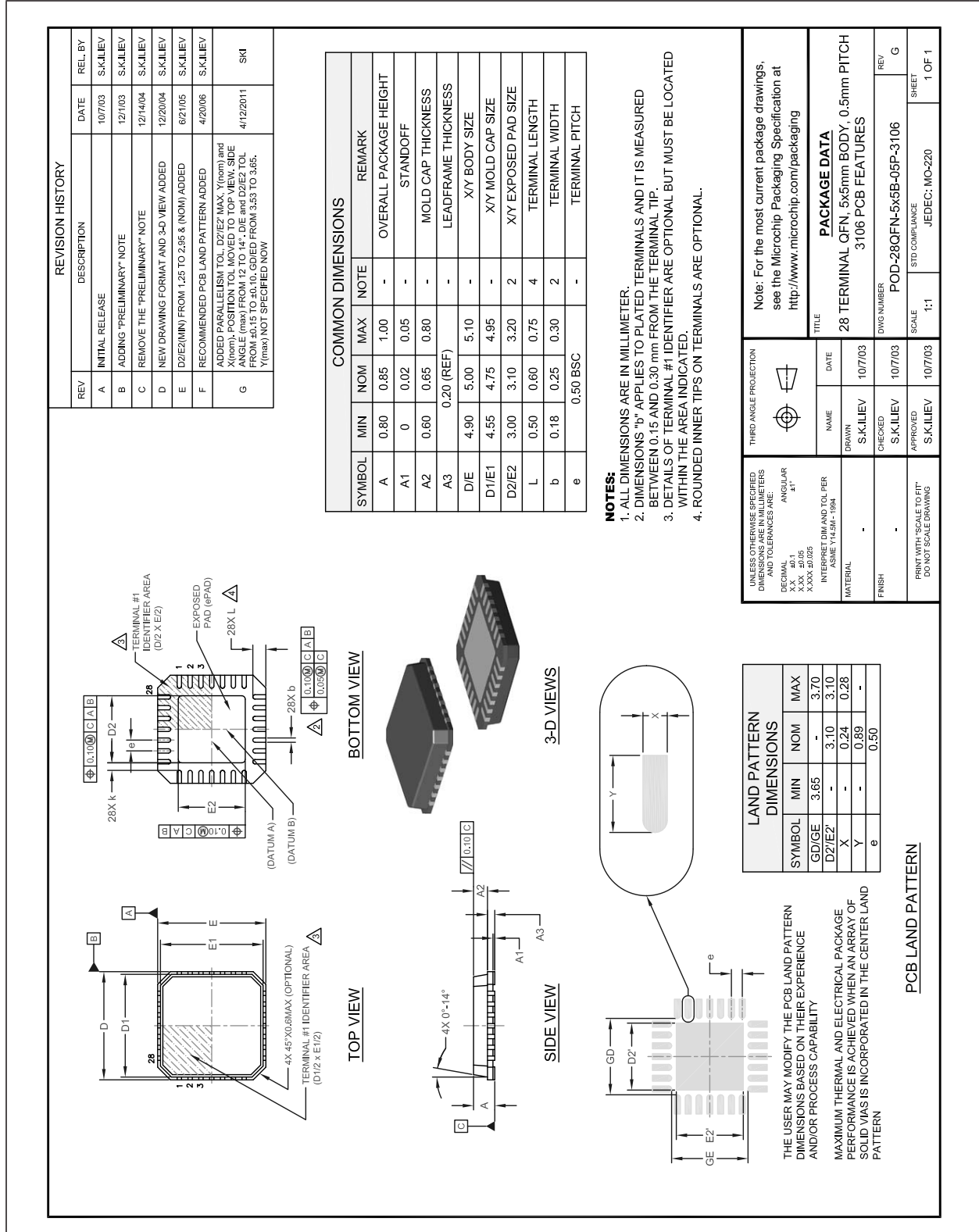
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PACKAGE OUTLINE

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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ECE1088

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| <u>PART NO.</u> ⁽¹⁾ | - | <u>XXX</u> ⁽²⁾ | - | <u>[X]</u> ⁽³⁾ |
|--------------------------------|---|---|---|---------------------------|
| Device | | Package | | Tape and Reel Option |
| Device: | | ECE1088 ⁽¹⁾ | | |
| Package: | | DZK = 28 pin QFN ⁽²⁾ | | |
| Tape and Reel Option: | | Blank = Tray packaging TR = Tape and Reel ⁽³⁾ | | |

Examples:

a) ECE1088-DZK = 28-pin QFN

Note 1: These products meet the halogen maximum concentration values per IEC61249-2-21.

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>.

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