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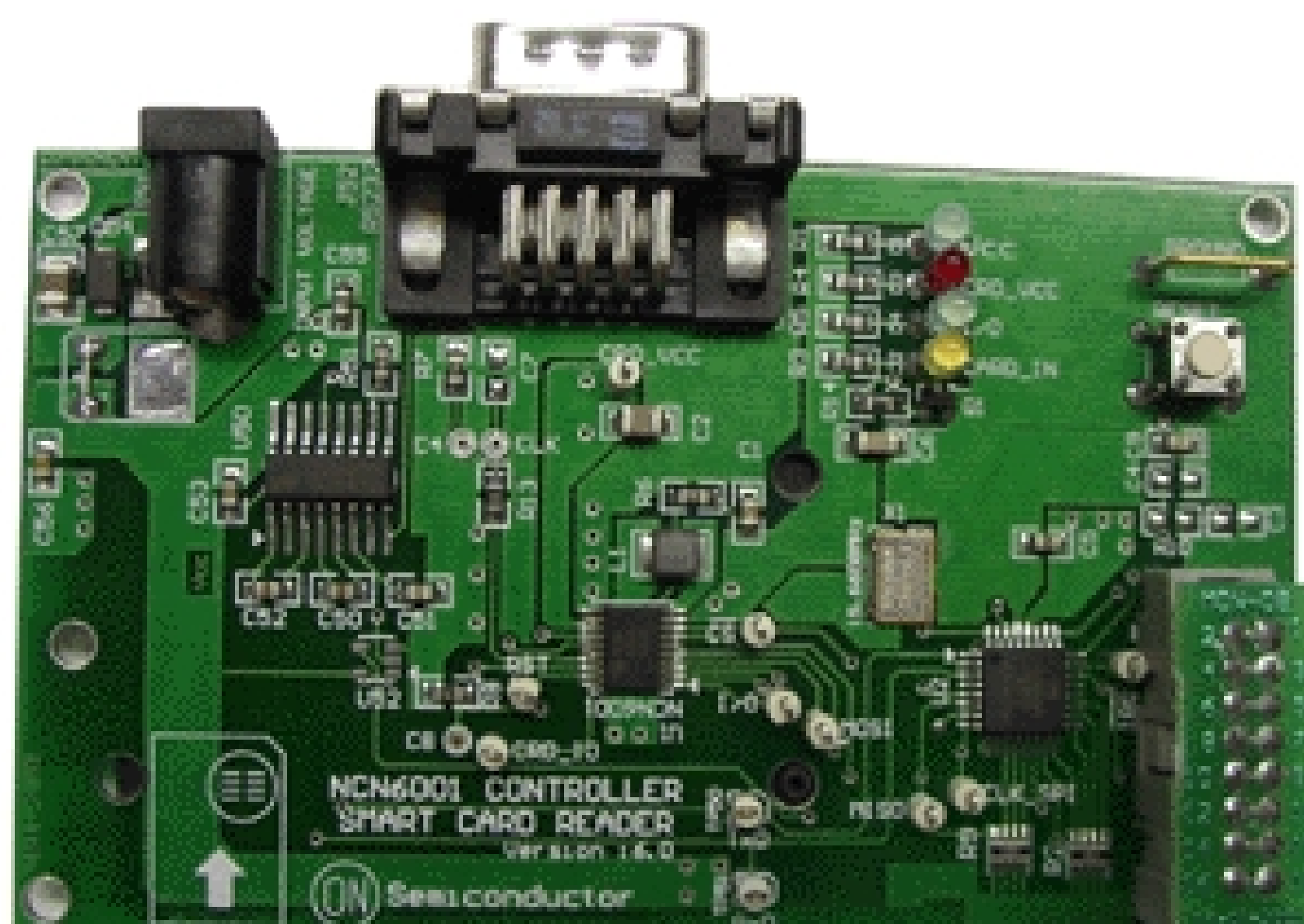
NCN6001DTBEVB:NCN6001 Compact Smart Card Interface Evaluation Board

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Evaluation Board Description

The NCN6001DTBEVB allows for the evaluation of the NCN6001 integrated circuit. The NCN6001 is dedicated to the smart card interface applications. The device handles any type of smart card through a simple and flexible micro controller interface. On top of that, thanks to the built in chip select pin, several couplers can be connected in parallel.The device is particularly suited for low cost, low power applications,with high extended battery life coming from extremely low quiescent current.

Features and Applications

Features

- 100% compatible with ISO 7816   -3, EMV and GIE   -CB standards
- Fully GSM Compliant
- Wide battery supply voltage range: 2.7 < Vcc < 5.5V
- Programmable CRD_VCC supply handles 1.8V, 3V or 5V card operation
- Programmable rise and fall card clock slopes
- Programmable card clock divider
- Supports up to 40 MHz input Clock

Evaluation Board Information

Evaluation Board	Status	Pb-free	Short Description	Parts Used	Action
NCN6001DTBEVB	Active		NCN6001 Compact Smart Card Interface Evaluation Board	NCN6001DTBR2	Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: Gerber	NCN6001DTBEVB Gerber Layout Files (Zip Format)	NCN6001DTBEVB_GERBER.ZIP - 62.0 KB	0
Eval Board: Schematic	NCN6001DTBEVB Schematic	NCN6001DTBEVB_SCHEMATIC.PDF - 58.0 KB	0
Eval Board: Test Procedure	NCN6001DTBEVB Test Procedure	NCN6001DTBEVB_TEST_PROCEDURE.PDF - 48.0 KB	0
Eval Board: BOM	NCN6001DTBEVB RoHS Compliant Bill of Materials	NCN6001DTBEVB_BOM_ROHS.PDF - 61.0 KB	0