



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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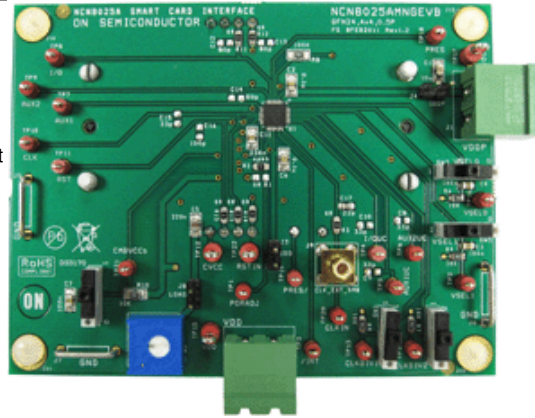




NCN8025AMNGEVB: Single Smart Card Interface Evaluation Board

Evaluation Board Description

The NCN8025/NCN8025A is a compact and cost effective single smart card interface IC. It is dedicated for 1.8 V / 3.0 V / 5.0 V smart card reader/writer applications. The card VCC supply is provided by a built in very low dropout and low noise LDO. The device is fully compatible with the ISO 7816-3, EMV 4.2, UICC and related standards including NDS and other STB standards (Nagravision, Irdeto...). It satisfies the requirements specifying conditional access into Set Top Boxes (STB) or Conditional Access Modules (CAM and CAS). This smart card interface IC is available in a QFN-24 package (NCN8025A) providing all of the industry standard features usually required for STB smart card interface. It is also offered in a very compact package profile, QFN-16 (NCN8025), satisfying the requirements of cost efficiency and space saving requested by CAM and SIM applications. For details regarding device implementation refer to the application note AND8003 available under request (please contact local sales office or representative).



Evaluation Board Information

Evaluation Board	Status	Compliance	Short Description	Parts Used	Action
NCN8025AMNGEVB	Active	Pb-free	Single Smart Card Interface Evaluation Board	NCN8025AMNTXG	

Technical Documents

Type	Document Title	Document ID/ Size	Rev
Eval Board: BOM	NCN8025AMNGEVB Bill of Materials ROHS Compliant	NCN8025AMNGEVB_BOM_ROHS.PDF - 47.0 KB	0
Eval Board: Gerber	NCN8025AMNGEVB Gerber Layout Files (Zip Format)	NCN8025AMNGEVB_GERBER.ZIP - 251.0 KB	3
Eval Board: Schematic	NCN8025AMNGEVB Schematic	NCN8025AMNGEVB_SCHEMATIC.PDF - 55.0 KB	0
Eval Board: Test Procedure	NCN8025AMNGEVB Test Procedure	NCN8025AMNGEVB_TEST_PROCEDURE.PDF - 172.0 KB	0

