PRO DVX
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INTEGRATED NFC

Technical Details

Basic Specification

Hardware Specification

Main Chip	NXP PN553
Frequency	13.56MHz
Host Interface	NCI Protocol Interface according to NFC Forum NCI 1.0 standardization I2C High-Speed mode supported
Connector	15 pin FPC/FFC
NFC Standard	● ISO/IEC 14443 A ● ISO/IEC 14443 B ● ISO/IEC 15693 ● MIFARE 1K/4K ● MIFARE DESFire ● Sony Felica
Operation Temperature	-10~75 degrees Celsius

Hardware Pin Define

HOST Pin define

Pin number	Name	Configuration	Description
1	VBAT	Power Supply Input	Module Power Supply
2	GND	Power Supply Ground	Module Ground
3	SWP_UICC	Input / Output	Single Wire Protocol line to UICC / SIM
4	NA	NA	No Function (unused pin)
5	IRQ	Output	Interrupt request from module to platform
6	VDD_SIM (PMUVCC)	Power Supply Input	The power rail used to power UICC / SIM
7	12C_SDA	Input / Output	I2C data
8	12C_SCL	Input	I2C clock
9	GND	Input	Module Ground
10	Reset / Wake Up	Input	Reset pin input from the host to wake up the device from standby and also to reset the device
11	DWL_REQ	Input	Control pin to set the NFC Module in firmware download mode
12	SWP_PWR (SIM_VCC)	Power Supply Output	Power supply to UICC / SIM or power supply 'request' to PMIC
13	VBAT	Power Supply Input	Module Power Supply
14	VDD_IO	Power Supply Input	Host IO reference voltage
15	GND	Power Supply Ground	Module Ground

System Architecture