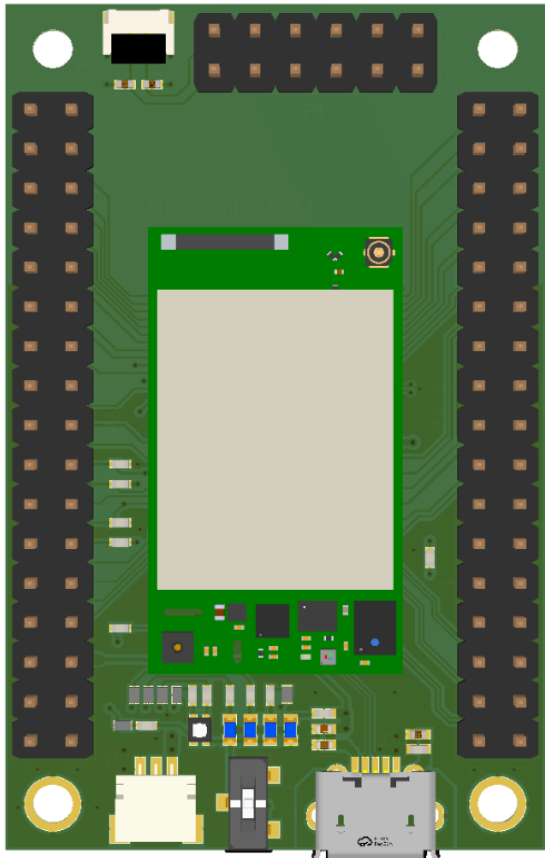
NFC2	VC SELA	PD1	PD2	PD3	PD REF	
2	4	6	8	10	12	P1
1	3	5	7	9	11	
NFC1	VC SELS	LED1	LED2	LED3	P GND	

NFC



SWD CLK	34	33	nRF RST
P0.26	32	31	SWD IO
SPI CS	30	29	P0.25
SPI MISO	28	27	P0.28
SPI CLK	26	25	SPI IO3
SPI MOSI	24	23	SPI IO2
P0.09	22	21	P0.10
P0.07	20	19	P0.08
IOB2	18	17	IOB0
RGB1	16	15	RGB2
RGB0	14	13	IOT47
IOT46	12	11	VCC 3V3
IOT37	10	9	IOT36
SDA	8	7	SCL
GND	6	5	VBUS
GND	4	3	NTC
GND	2	1	VLIPO
	P3		

P1.11	34	33	GND
P1.13	32	31	P1.10
P0.05	30	29	P1.12
SAR CS1	28	27	SAR CS0
SAR CS	26	25	P0.04
SHP HLD	24	23	SHP ACT
P0.12	22	21	P0.11
VSYS	20	19	VDD 1V8
nPM MOD	18	17	nPM CHG
nPM ISET	16	15	nPM ERR
1V8	14	13	GND
IOB13	12	11	C_RST
IOB3	10	9	C_DONE
IOB10	8	7	IOB9
P1.14	6	5	P1.15
PDM CLK	4	3	PDM DAT
LRA_P	2	1	LRA_N
		P4	

	Type	Voltage	Owner
	GPIO	1V8	nRF5340
	Input	1V8	Touch
	USB	3V3	nRF5340
	I/O	VSYS	nPM1100
	I/O	1V8	MEMS MIC
	OUT	VSYS	LRA Haptic
	I/O	1V8	BCU
	GPIO	1V8	FPGA
	GPIO	3V3	FPGA
	ANALOG IN	/	nPM1100
	ANALOG I/O	/	nRF5340
	QSPI	1V8	nRF5340
	SWD	1V8	nRF5340

	Rail Name	Voltage	Direction
	VBUS	5V	IN
	VSYS	VBATT / VBUS	OUT
	VLIPO	VBATT	IN
	VCC3V3	3V3	OUT
	VDD1V8	1V8	OUT
	1V8	1V8	OUT
	GND	0V	

Carrier NiCE5340 Pin Map

Top View

21.06.2024

PRODES LAB

Electronic Design