NiCE5340 LGA Pin Map

Bottom View

21.03.2024

PAD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	GND	GND	GND												
B	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND
C	P1.13	P1.11	GND										nRF RST	P0.26	P0.25
D	P0.05	P1.12	P1.10										SWD CLK	SPI CS	P0.28
E	SAR CS1	SAR CS0	P0.04										SWD IO	SPI MISO	SPI IO3
F	SAR CS2												P0.12	SPI CLK	SPI IO2
G	GND												P0.11	SPI MOSI	NFC0
H	DN	GND											P0.10	P0.09	NFC1
J	DP	GND											P0.08	P0.07	NTC
K	GND	GND												VLIPO	VLIPO
L	GND	GND											GND	GND	GND
M	VBUS	VBUS			VSYS							RST	IOB13	IOB3	IOB0
N	SHP HLD	GND										DONE	IOB10	IOB9	IOB2
P	SHP ACT	GND													RGB2
R	nPM MODE	GND		VDD 1V8									IOT46		RGB1
T	nPM CHG												GND	IOT47	RGB0
U	nPM ISET			1V8								VCC 3V3			IOT37
V	nPM ERR	GND											GND		IOT36
W	GND	GND												SCL	SDA
Y	P1.15 G_LED	P1.14 R_LED											GND	PD1	PD2
AA	PDM DATA	PDM CLK	GND	GND	LRA_N	LRA_P	GND	VC SELS	VC SELA	LED3	LED2	LED1	PGND	PDREF	PD3
AB	GND	GND	GND										GND	GND	GND

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
VBUS	5V
VSYS	VBATT / VBUS
VLIPO	VBATT
VCC3V3	3V3
VDD1V8	1V8
1V8	1V8
GND	0V

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