VCC_580

L1
2.2uH/0603

C2
12pF

C1
12pF

C13
12pF
GND

VPP

U2
DA14580

T1
ANTENNA

GND   R7 10K   RST

SWDCLK
SWDIO

VPP	38
VBAT3V	15
VBATA	14
SWITCH	21
VBAT1V	23
VDCDC	19
VDCDCA	31

17	RST
26	SWCLK
25	SWDIO

DIALOG_SEMI
DA14580_QFN40

| RFIOP | 35 |
| RFIOM | 34 |

GND

P0_0	1	P0_0
P0_1	2	P0_1
P0_2	3	P0_2
P0_3	4	P0_3
P0_4	6	P0_4
P0_5	7	P0_5
P0_6	9	P0_6
P0_7	10	P0_7

| XTAL_16MP | 29 |
| XTAL16MM | 30 |

X1
16MHz

P1_0	22	P1_0
P1_1	24	P1_1
P1_2	27	P1_2
P1_3	28	P1_3

| XTAL32KP | 12 |
| XTAL32KM | 11 |

X2 32.768kHz

P2_0	40	P2_0
P2_1	8	P2_1
P2_2	13	P2_2
P2_3	18	P2_3
P2_4	20	P2_4
P2_5	32	P2_5
P2_6	33	P2_6
P2_7	36	P2_7
P2_8	37	P2_8
P2_9	39	P2_9

| NC | 5 |

GND_VDCDC

16

GND

P9 HDR_2X7

P2_8			P2_7
P2_9			VPP
P0_2			P2_0
P0_0			P0_1
P0_4			P0_3
P2_1			P0_5
P0_7			P0_6

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P11 HDR_2X7

P2_6			P2_5
P1_3			P1_2
SWDCLK			SWDIO
P1_1			P1_0
P2_4			P2_3
RST			GND
VCC_580			P2_2

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