DEB2-4106WBee (C) Dimitech 2013

Snap-off line

VCC Source
OFF: VCC pin
ON: 3V3OUT

VREF Source
OFF: VREF pin
1-2: VCC
2-3: VBKP

MOD1
DTX2-410*C

MOD2

*bee

PINX1

D1
BAT120A

X1
10104111-0001LF

Vbus	1
D-	2
D+	3
UID	4
GND	5

SH

R1
33R

JP1
1
2

JP2
1
2
3

MOD1 pins

PIN2 10 +VBAT
PIN1 9 PWRON
PIN3 11 GND

PIN18 27 +VBKP
28 GND

PIN8 17 VBUS
PIN9 18 D-
PIN10 19 D+

PIN11 20 PS2D
PIN12 21 PS2C

PIN13 22 SOUND

PIN15 24 VIDEO
PIN16 25 HSYNC
PIN17 26 VSYNC
PIN14 23 COMP

PIN19 29 FOUT
PIN20 30 ~RTCI

XP20 40 PINX11
XP21 39 PINX10
XP22 38 PINX9
XP23 37 PINX8
XP24 36 PINX7
XP25 35 PINX6
XP26 34 PINX5
XP27 33 PINX4
XP28 32 PINX3
XP29 31 PINX2

+3V3 12 PIN4

P0/mSDI 60 PIN40
P1/mSDO 59 PIN39
P2/mSCK 58 PIN38
P3/~mSS 57 PIN37
P4 56 PIN36
P5 55 PIN35
P6 54 PIN34
P7 53 PIN33
P8 52 PIN32
P9 51 PIN31
P10 50 PIN30
P11 49 PIN29
P12 48 PIN28
P13 47 PIN27
P14 46 PIN26
P15 45 PIN25
P16 44 PIN24
P17 43 PIN23
P18 42 PIN22
P19 41 PIN21

~MCLR 13 PIN5
PGD 14 PIN6
PGC 15 PIN7
LDFW 16

NC

MOD2 pins

PINB10 20 AD0/DIO0
PINB9 19 AD1/DIO1
PINB8 18 AD2/DIO2
PINB7 17 AD3/DIO3
PINB1 11 AD4/DIO4
PINB5 15 ASSOC/AD5/DIO5
PINB6 16 ~RTS/AD6/DIO6
PINB2 12 ~CTS/DIO7
PINB19 9 ~DTR/SLEEP_RQ/DI8
PINB14 4 DO8

PINB13 3 DIN/~CONFIG
PINB12 2 DOUT

PINB15 5 ~RESET
PINB16 6 PWM0/RSSI
PINB17 7 PWM1

PINB3 13 ON/~SLEEP

VCC 1 PINB11
VREF 14 PINB4
RESV 8 PINB18
GND 10 PINB20

GND