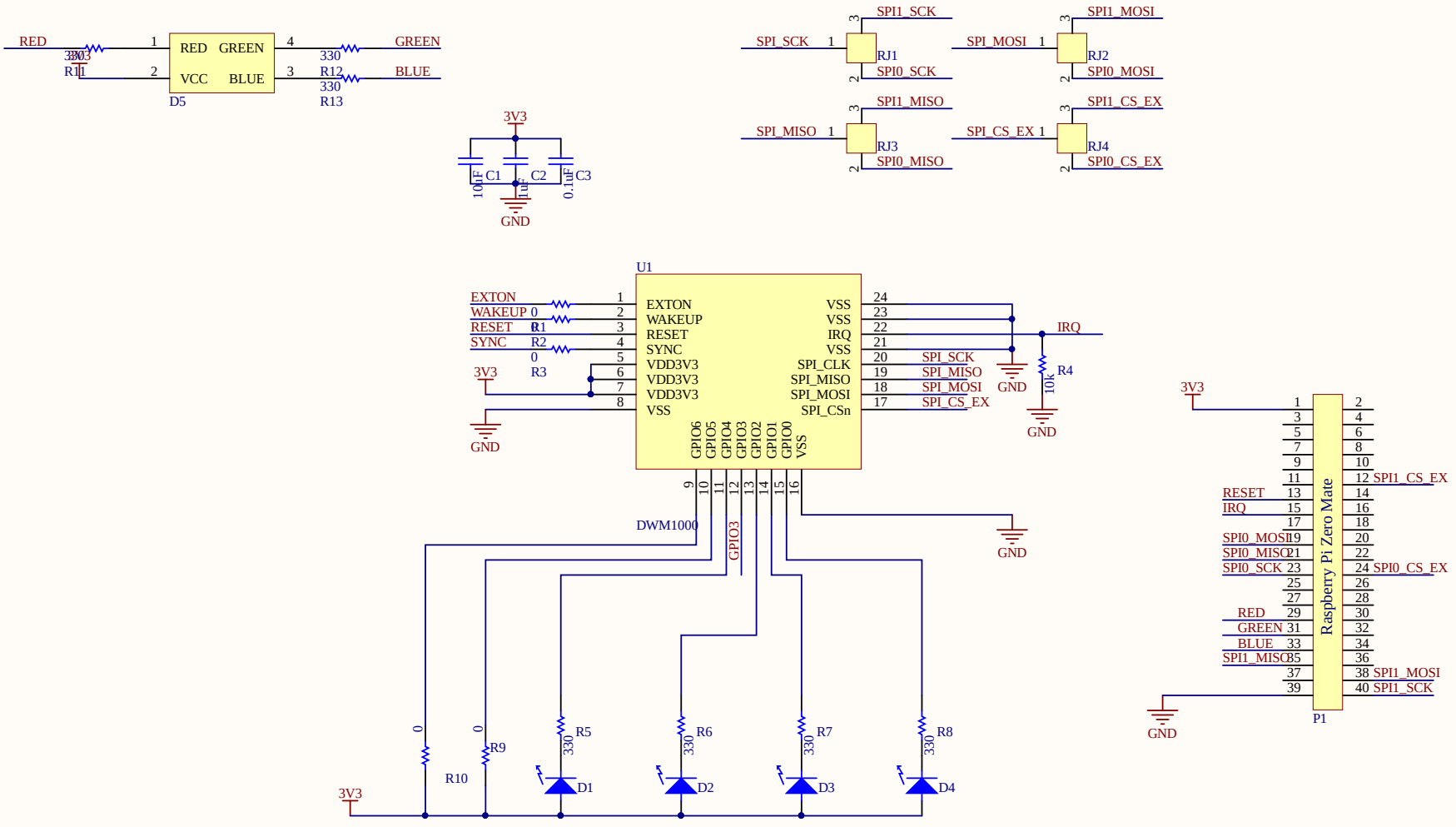
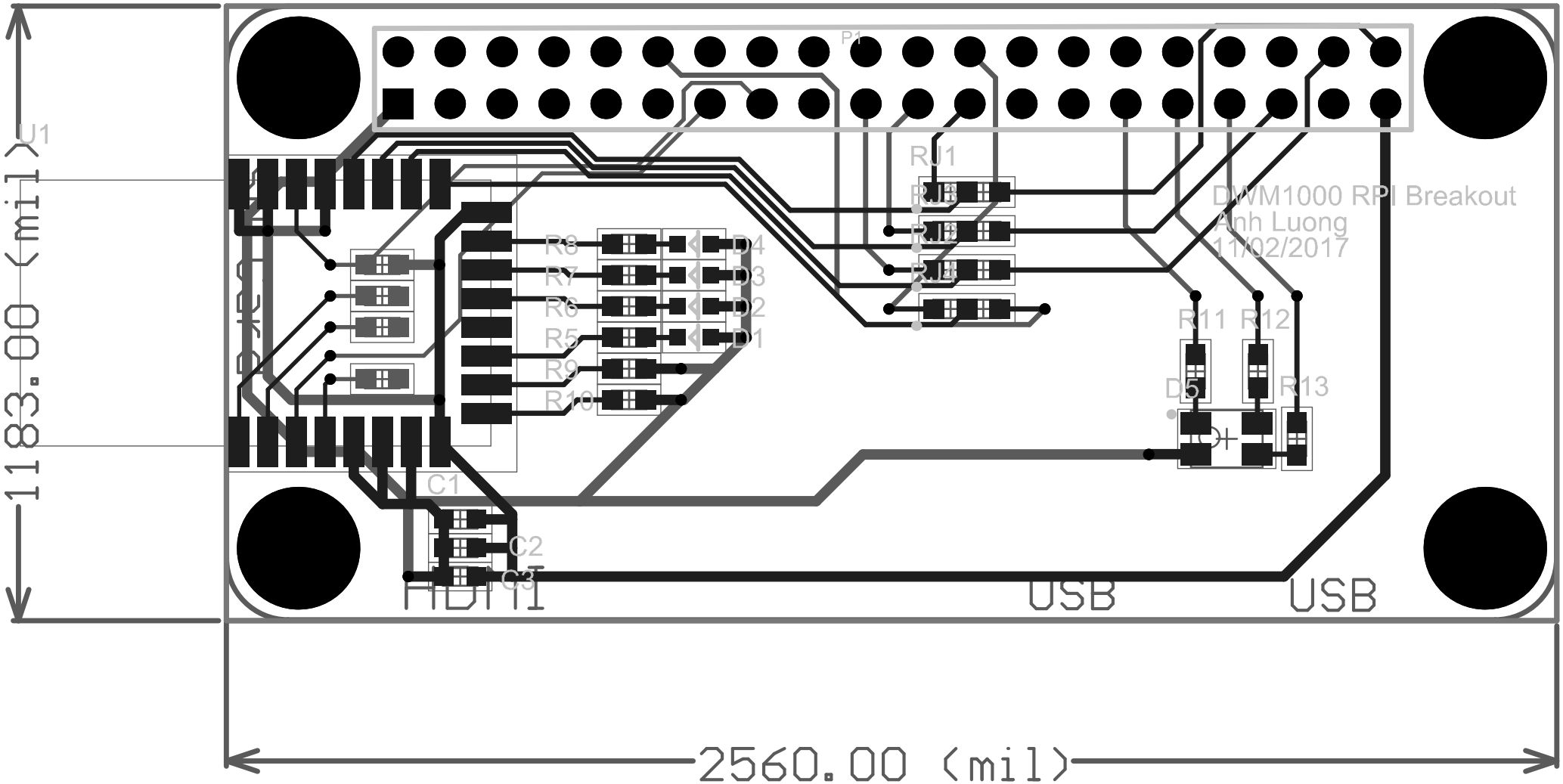


Title	**DecaWave DWM1000 RPI Breakout**
Designed by:	Anh Luong
Revision:	1
Date:	11/2/2017
Time:	1:51:19 PM
Sheet	1 of 1
File:	DWM1000Breakout.SchDoc

WiSE Lab
Carnegie Mellon University
4720 Forbes Ave
CIC 2219F
Pittsburgh, PA 15213
USA

WiSE Lab


1183.00 (mil)
2560.00 (mil)
P1
U1
RJ1
R8
R7
R6
R5
R9
R10
D4
D3
D2
D1
R11
R12
D5
R13
C1
C2
C3
HDMI
USB
USB
DWM1000 RPI Breakout
Anh Luong
11/02/2017

Bill of Materials

DecaWave DWM1000 RPI Breakout

Source Data From: DWM1000Breakout.BomDoc
Project: DecaWave-DWM1000-RPI-Breakout.PrjPcb
Variant: None

Creation Date: 11/2/2017 1:51:22 PM
Print Date: 43041 43041.57737

Footprint	Comment	LibRef	Designator	Description	Quantity
CAPC1608X(8N (0603)	GRM188R60J1(6ME47D	GRM188R60J1(6ME47D	C1	CAP CER 10UF 6.3V 20% X5R 0603	1
CAPC1608X(8N (0603)	GRM188R61A1(5KA61D	GRM188R61A1(5KA61D	C2	CAP CER 1UF 10V 10% X5R 0603	1
CAPC1608X(8N (0603)	GRM188R71C1(4KA01D	GRM188R71C1(4KA01D	C3	CAP CER 0.1UF 16V 10% X7R 0603	1
CHIPLED060 3	LG Q971-KN-1	LG Q971-KN-1	D1	LED CHIPLED 570NM GREEN 0603 SMD	1
CHIPLED060 3	LG Q971-KN-1	LG Q971-KN-1	D2	LED CHIPLED 570NM GREEN 0603 SMD	1
CHIPLED060 3	LG Q971-KN-1	LG Q971-KN-1	D3	LED CHIPLED 570NM GREEN 0603 SMD	1
CHIPLED060 3	LG Q971-KN-1	LG Q971-KN-1	D4	LED CHIPLED 570NM GREEN 0603 SMD	1
CREE LV1	CLV1A-FKB-CJ1M1F1BB7R4 S3	CLV1A-FKB-CJ1M1F1BB7R4 S3	D5	LED RED/GREEN/BLUE PLCC4 SMD	1
Raspberry Pi Zero	Raspberry Pi Zero Mate	Raspberry Pi Zero Mate	P1	The header and mechanical drawings for connnecting a Raspbery Pi Zero	1
RESC1608X(6N (0603)	MCR03ERTJ000	MCR03ERTJ000	R1	RES 0.0 OHM 1/10W JUMP 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ000	MCR03ERTJ000	R2	RES 0.0 OHM 1/10W JUMP 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ000	MCR03ERTJ000	R3	RES 0.0 OHM 1/10W JUMP 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ103	MCR03ERTJ103	R4	RES 10K OHM 1/10W 5% 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ331	MCR03ERTJ331	R5	RES 330 OHM 1/10W 5% 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ331	MCR03ERTJ331	R6	RES 330 OHM 1/10W 5% 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ331	MCR03ERTJ331	R7	RES 330 OHM 1/10W 5% 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ331	MCR03ERTJ331	R8	RES 330 OHM 1/10W 5% 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ000	MCR03ERTJ000	R9	RES 0.0 OHM 1/10W JUMP 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ000	MCR03ERTJ000	R10	RES 0.0 OHM 1/10W JUMP 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ331	MCR03ERTJ331	R11	RES 330 OHM 1/10W 5% 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ331	MCR03ERTJ331	R12	RES 330 OHM 1/10W 5% 0603 SMD	1
RESC1608X(6N (0603)	MCR03ERTJ331	MCR03ERTJ331	R13	RES 330 OHM 1/10W 5% 0603 SMD	1
RJ	R_J	R_J	RJ1	Resistor Jumper	1
RJ	R_J	R_J	RJ2	Resistor Jumper	1
RJ	R_J	R_J	RJ3	Resistor Jumper	1
RJ	R_J	R_J	RJ4	Resistor Jumper	1
DWM1000	DWM1000	DWM1000	U1	MOD IEEE802.15.4-2011 UWB TXRX	1
					27

Approved **Notes**