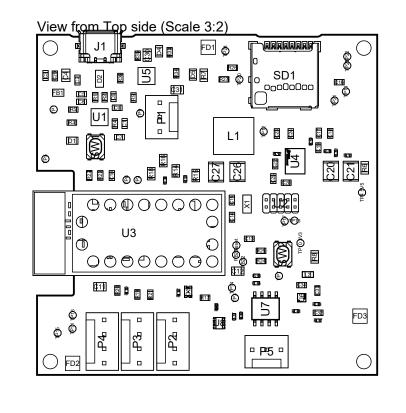
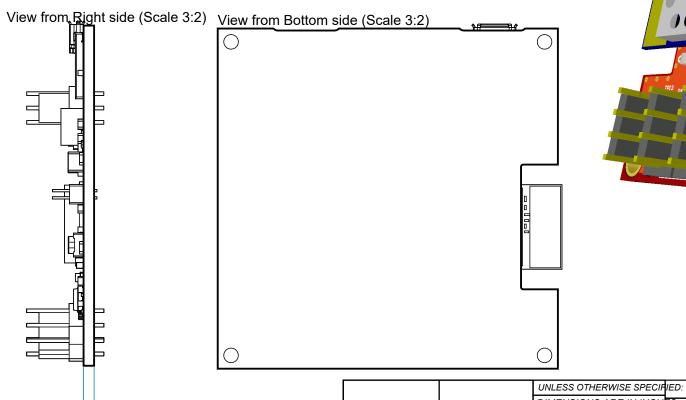


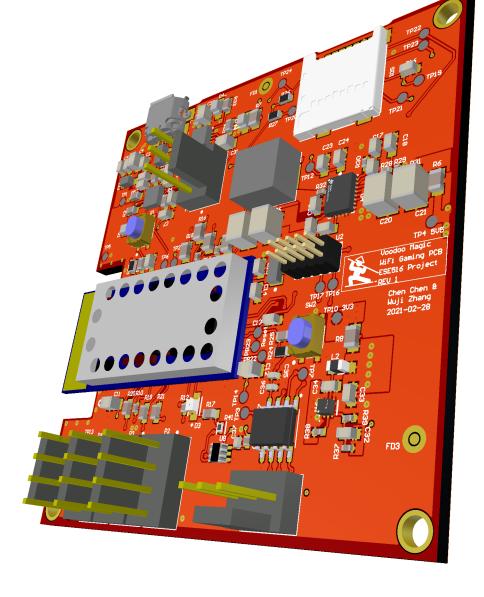
Notes (Unless otherwise specified):

NOTES:

- 1. THIS ITEM IS ELECTROSTATIC SENSITIVE AND SHALL BE HANDLED ACCORDINGLY
- 2. WORKMANSHIP WILL CONFORM TO IPC-610 CLASS 2, IPC-7711 WILL APPLY TO ALL REQUIRED REWORK OR MODIFICATION
- 3. ASSEMBLY IS TO BE IDENTIFIED BY A LABEL INDICATING-SERIAL NUMBER PART NUMBER and REVISION VENDOR DATE CODE
- 4. THE SUPPLIED INSERTION DATA FOR THIS PCBA IS PROVIDED TO ASSIST PROGRAMMING, COMPONENT OFFSET AND ROTATION ARE RELATIVE TO THE ENGINEERING DESIGN ENVIRONMENT AND MAY NOT MATCH REEL PACKAGING OR FEED ORIENTATION, COMPONENTS, ESPECIALLY POLARIZED PARTS, MUST BE VERIFIED AGAINST THE ACTUAL PCBA DRAWING TO INSURE PROPER INSTALLATION







DATE

			UNLESS OTHERWISE SPECIF		NAME	DATE				_		í
			DIMENSIONS ARE IN INCHI TOLERANCES:	BRAWN	Wuji Zhan	<i>@0</i> 21℃B&n	Chen	Upenn ESE516		6		
·			FRACTIONAL±	CHECKED	Wuji Zhan	g & Chen	CTRETALE					l
			ANGULAR: MACH± BEND TWO PLACE DECIMAL ±	ĖNG APPR.	Wuji Zha	ng & Chen	Chen					1
THE INFORMATION			THREE PLACE DECIMAL ±	MFG APPR.				Wil	Fi Gaming Bo	ard		l
CONTAINED IN THIS DRAWING IS THE SOLE			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A. COMMENTS:	Wuji Zhan	g & Chen (Chen					l
PROPERTY OF Upenn ESE516. ANY			MATERIAL				SIZE	DWG. NO.				
REPRODUCTION IN PART OR	NEXT ASSY	USED ON	FINISH									
PROPRIETARY AND CONFIDENTIAL	APPLIC	ATION	DO NOT SCALE DRAWING				SCALE	: 1:1	WEIGHT:	SHEE	T 1 OF 3	l

Realistic View

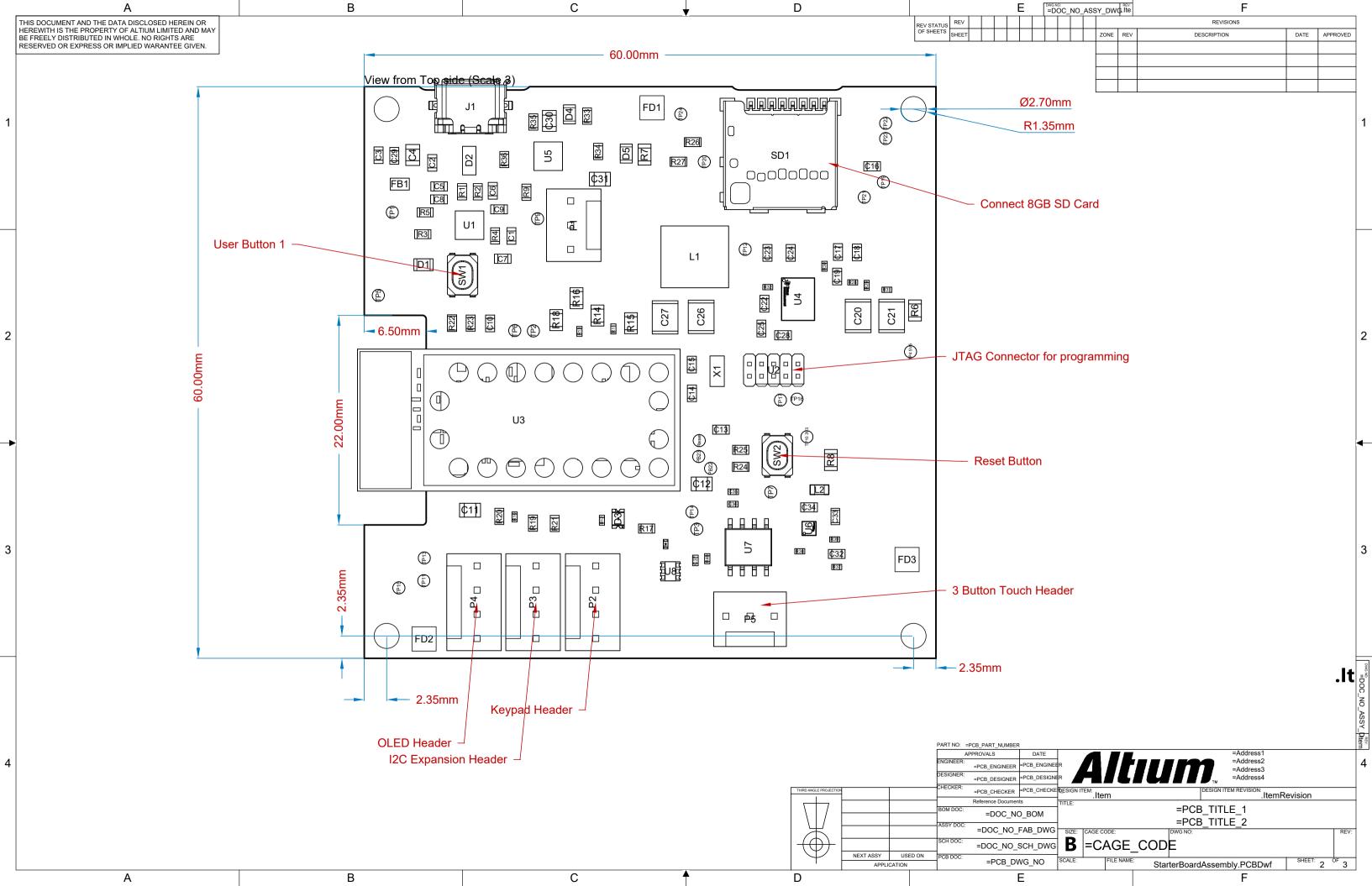
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Line #	Designator	Name	Quantity
		Keypad	0
		OLED Screen	0
16	C1, C3, C7, C16	100nF 16V, CAP 100nF 16V 0603(1608)	4
7	C2	10nF 16V	1
5	C4, C30, C31	4.7uF 16V	3
	C5, C6, C8, C9, C17, C19	CAP 100pF 50V	6
1	C10, C13, C29	1uF 16V	3
3	C11, C12	10uF 16V, CAP 10uF 16V 0805(2012)	2
9	C14, C15	18pF 16V	2
	C18	CAP 1nF 10V	1
	C20, C21, C26, C27	47uF 16V	4
	C22, C25	CAP 100nF 10V, 100nF 10V	2
		1uF 10V	2
	C23, C24		
	C28	CAP 8.2nF 10V	1
	C32	120pF 10V	1
	C33	22uF 10V	1
	C34	4.7uF 10V	1
	C35	1uF 10V	1
	C36, C37	100nF 10V	2
30	D1, D4	LTST-C170CKT	2
34	D2	PRTR5V0U2X,215	1
	D3	LH R974-LP-1	1
31	D5	LTST-C170GKT	1
24	FB1	BLM21PG221SN1D	1
13	FD1, FD2, FD3	40x100mm	3
39	J1	ZX62R-B-5P	1
	L1	1uH	1
	L2	470nH	1
20	P1, P5	640456-3	2
	P2, P3, P4	640456-4	3
1	PB22, PB23, Reset, TP1, TP2, TP3, TP4 5V5, TP5, TP6, TP7, TP9, TP10 3V3, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP19, TP20, TP21, TP22, TP23, TP24	0.1" Pad	25
11	R1, R2, R19, R20, R21	27R 1%	5
3	R3, R5, R9, R17, R33, R34	1K 1%	6
28	R4	Jumper	1
29	R6, R7, R8, R14, R15, R16, R18	Jumper	7
	R10, R11, R12, R13	4K7 1%	4
	R22, R24, R26, R27	ERJ3EKF1002V	4
17	R23, R25	100R 1%	2
	R28	23K7 1%	1
	R29	86K6 1%	1
	R30	140K 1%	1
	R31	309K 1%	1
			2
	R32, R37	453K 1%	2

Bill Of Materials

Line #	Designator	Name	Quantity
2	R35, R36	1K13 1%	2
	R38, R39	100K 1% 0402	2
	R40	10R 1%	1
	R41	10k 1%	1
19	SD1	104031-0811	1
	SW1, SW2	PTS810 SJG 250 SMTR LFS	2
27	U1	FT234XD-R	1
21	U2	20021111-00010T4LF	1
36	U3	SAMW25H18-MR510PB	1
	U4	TPS61088RHLT	1
	U5	BQ24075RGTR	1
	U6	TPS62827DMQR	1
	U7	I2C Touch Sensor	1
	U8	I2C Light Sensor	1
22	X1	ABS07-32.768KHz-T	1

UNLESS OTHERWISE SPECIFIED: NAME DATE DIMENSIONS ARE IN INCHEDRAWN
TOLERANCES:
FRACTIONAL±
ANGULAR: MACH± BEND
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ± MFG APPR. Upenn ESE516 Wuji Zhan @022 101863n Chen Wuji Zhang & Chen ClitenLE Wuji Zhang & Chen Chen WiFi Gaming Board THE INFORMATION CONTAINED IN THIS INTERPRET GEOMETRIC Q.A.
TOLERANCING PER: COM Wuji Zhang & Chen Chen DRAWING IS THE SOLE COMMENTS: PROPERTY OF MATERIAL SIZE DWG. NO. Upenn ESE516. ANY REPRODUCTION IN PART OR FINISH NEXT ASSY USED ON PROPRIETARY AND CONFIDENTIAL SHEET 3 OF 3 APPLICATION DO NOT SCALE DRAWING SCALE: 1:1 WEIGHT:

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