

Component list		Degu Baseboard					
Revision:		1.0					
Report Date:		2019/4/3					
#	Description	PartNumber	Quantity	Designator	FootPrint	Value	Manufacturer
1	Wireless Module	EYSKBNZWB	1	IC1	LGA 63pin	-	TAIYO YUDEN
2	Secure Element	A7101CHTK2/T0BC2VJ	1	IC2	HVSON-8	-	NXP Semiconductors
3	Voltage Regulator	TPS62740DSST	1	IC3	DSBGA	-	Texas Instruments
4	Power Switch	TPS22916CYFPR	1	IC4	WCSP	-	Texas Instruments
5	Switching Diode	1SS400SMT2R	4	D1, D2, D3, D4	SC-79	-	ROHM
6	Schottky diode	RB561VM-40TE-17	2	D5, D6	SC-90A	-	ROHM
7	Schottky diode	RB548WTL	6	D7, D8, D9, D10, D11, D12	SC-75A	-	ROHM
8	Quad ESD Protection Array	PRTR5V0U4D	1	D13	SC-74	-	Nexperia
9	Pch MOSFET	RZM001P02T2L	1	Q1	SOT-723	-	ROHM
10	NPN Transistor	BC848BLT3G	1	Q2	SOT-23	-	ON Semiconductor
11	LED	L-1384AD/1GD	2	LED1, LED2	Φ3.4 right angle	Green	Kingbright
12	LED	SML-D12M8WT86	2	LED3, LED4	1.6 x 0.8	Green	ROHM
13	Resistor	RC0402JR-07200KL	1	R1	1.0 x 0.5	200k	Yageo
14	Resistor	RC0402JR-071KL	12	R2, R3, R10, R11, R15, R16, R18, R19, R20, R21, R22, R23	1.0 x 0.5	1k	Yageo
15	Resistor	RC0402FR-07100KL	2	R8, R17	1.0 x 0.5	100k	Yageo
16	Resistor	RC0402FR-0768KL	1	R6	1.0 x 0.5	68k	Yageo
17	Resistor	RC0402JR-0710KL	2	R7, R9	1.0 x 0.5	10k	Yageo
18	Resistor	RC0402JR-07390RL	4	R12, R13, R14, R54	1.0 x 0.5	390	Yageo
19	Resistor	RC0402JR-071ML	6	R24, R25, R26, R27, R28, R29	1.0 x 0.5	1M	Yageo
20	Resistor	RC0402JR-07100RL	19	R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R44, R45, R47, R48, R49, R51	1.0 x 0.5	100	Yageo
21	Resistor	RC0402JR-074K7L	4	R4, R5, R46, R50	1.0 x 0.5	4.7k	Yageo
22	Resistor	RC0402JR-070RL	1	R53, (R52)	1.0 x 0.5	0	Yageo
23	Capacitor	CC0201KRX5R6BB104	5	C1, C2, C3, C10, C40	0.6 x 0.3	0.1uF	Yageo
24	Capacitor	CC0201KRX5R8BB103	4	C4, C5, C6, C7	0.6 x 0.3	0.01uF	Yageo
25	Capacitor	CC0402MRX5R6BB106	3	C8, C11, C12	1.0 x 0.5	10uF	Yageo
26	Capacitor	CC0402KRX5R6BB475	1	C9	1.0 x 0.5	4.7uF	Yageo
27	Capacitor	CC0201KRX5R6BB152	6	C13, C14, C16, C17, C19, C20	0.6 x 0.3	1.5nF	Yageo
28	Capacitor	CC0201KRX7R7BB101	17	C15, C18, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C33, C36, C37, C38, C39, (C31, C32, C34, C35)	0.6 x 0.3	100pF	Yageo
29	Ferrite Beads	BLM15PX121SN1D	3	FB1, FB2, FB3	1.0 x 0.5	120Ω	Murata Manufacturing
30	Inductor	1285AS-H-2R2M=P2	1	L1	2.0 x 1.6	2.2uH	Murata Manufacturing
31	Noise Filter	DLW21HN900SQ2L	1	L2	2.0 x 1.2	90Ω	Murata Manufacturing
32	Grove Connector	1125R-4P	5	CON1, CON2, CON3, CON4, CON8	1x4pin 2mm pitch right angle	-	TAIFENG
33	Grove Connector	1125S-4P	4	CON5, CON6, CON7, CON9	1x4pin 2mm pitch	-	TAIFENG
34	Pin header	P125-1212A0BS116A1	2	CON10, CON11	2x12pin 2.54mm pitch	-	Dongguan Yuxi Electronic
35	PH Connector	B02B-PH-K-S(LF)(SN)	1	CON12	1x2pin 2mm pitch	-	J.S.T. Mfg.
36	USB Connector (microB)	ST-USB-001DK	1	CON13	USB microB	-	Suntech
37	SWD Connector	ST-0265	1	CON14	2x5 pin 1.27mm pitch	-	SINOTOP ELECTRONICS
38	Pin header	P125-1202A0BS116A1	3	JP1, JP2, JP3	1x2pin 2.54mm pitch	-	Dongguan Yuxi Electronic
39	Tact Switch	TS-1101F	1	SW4	side push	-	Shenzhen Best Electronics
40	Tact Switch	SKQMASE010	3	SW1, SW2, SW3	top push	-	ALPS
41	Spacer	2PB-5	5	SP1, SP2, SP3, SP4, SP5	M2 tap	-	Mac-Eight
42	U.FL Connector	U.FL-R-SMT-1(10)	0	(CON15)	U.FL Receptacle	-	HIROSE ELECTRIC
<b>Notes</b> 本部品表は参考資料として提供するもので、この表に示された部品が使用されることを保証するものではありません。							