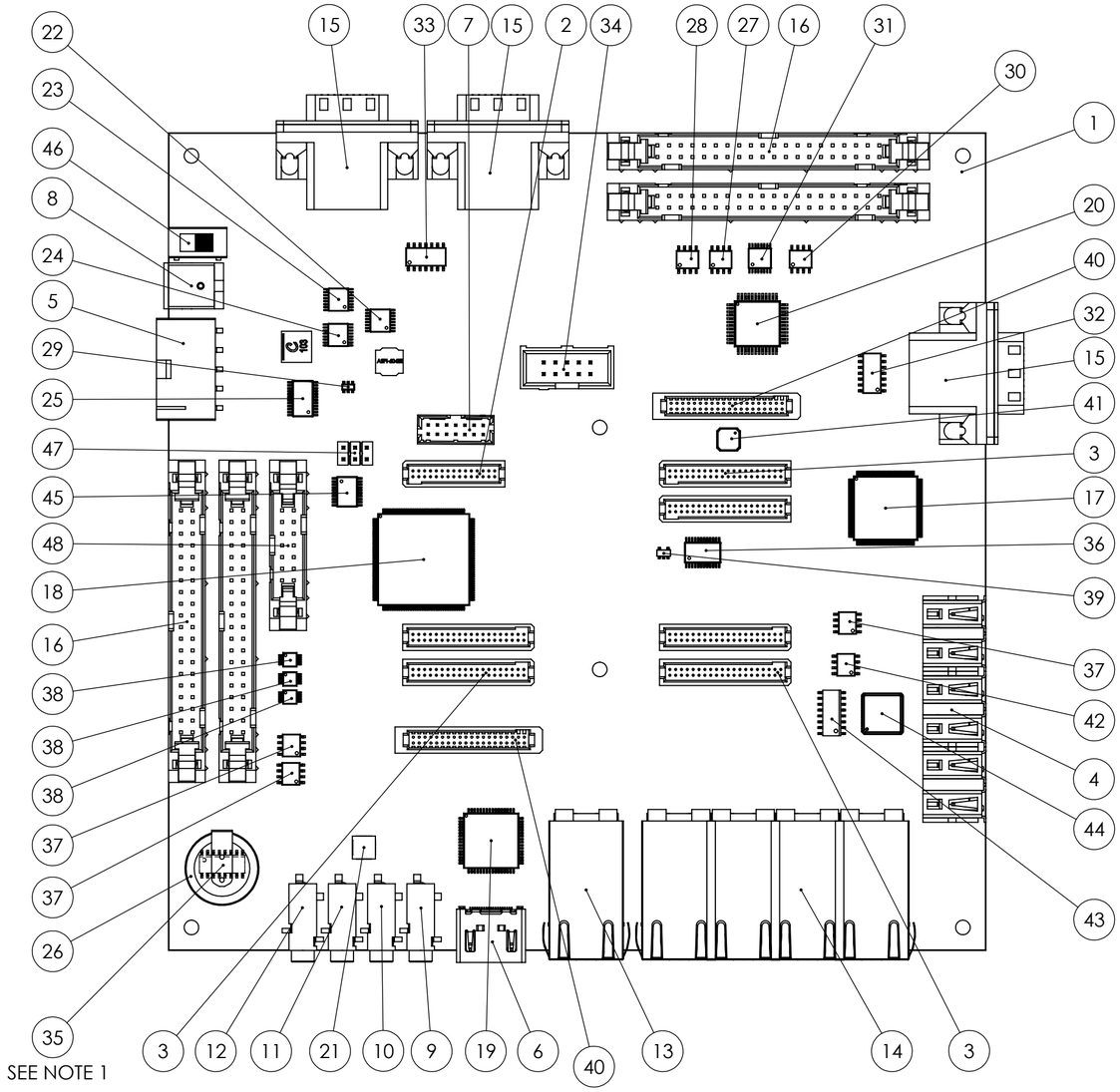
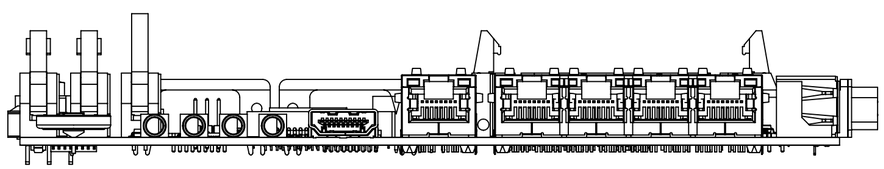


SEE NOTE 1



ITEM NO.	PART NUMBER	Vendor	DESCRIPTION	QTY.
1	PCB	-	Printed Circuit Board	1
2	TFM-115-01-F-D-A	Samtec	0.050in 30-pin Terminal Strip	1
3	TFM-120-01-F-D-A	Samtec	0.050in 40-pin Terminal Strip	6
4	6-1565589-2	TE Connectivity	USB Connector 2-Port	3
5	39-30-3058	Molex	5-Pin MiniFit Jr.	1
6	47151-1001	Molex	HMDI Connector	1
7	87831-1420	Molex	14-Pin JTAG Connector	1
8	PJ-063BH	CUI Inc	2.5mm x 5.5mm Power Jack	1
9	SJ-3524-SMT-TR	CUI Inc	3.5mm Audio Jack SMD	1
10	SJ-3524-SMT-TR-BE	CUI Inc	3.5mm Audio Jack SMD (Blue)	1
11	SJ-3524-SMT-TR-GR	CUI Inc	3.5mm Audio Jack SMD (Green)	1
12	SJ-3524-SMT-TR-PI	CUI Inc	3.5mm Audio Jack SMD (Pink)	1
13	0826-1X1T-43-F	Bel Fuse	Gigabit Ethernet Jack	1
14	0826-1X4T-43-F	Bel Fuse	4 Port Gigabit Ethernet Jack	1
15	183-009-113R561	Norcomp Inc	9-Pin Male D-Sub Connector	3
16	N3432-6302RB	3M	40-Pin Latching 0.100in Header	4
17	88E6352-A1-TFJ2C000	Marvell	Gigabit Ethernet Switch	1
18	LCMXO2-7000HC-6TG144C	Lattice	Programmable Logic Device	1
19	ADV7513BSWZ	Analog Devices	HDMI Transmitter	1
20	ADG731BSUZ	Analog Devices	Analog Multiplexer	1
21	TLV320AIC23BIPWR	Texas Instruments	Audio Codec	1
22	LM43601PWPR	Texas Instruments	Power Regulator	1
23	LM43602PWPT	Texas Instruments	Power Regulator	1
24	LM43603PWPT	Texas Instruments	Power Regulator	1
25	LTC4100EG#PBF	Linear Devices	Battery Charger	1
26	BR-1632A-HAN	Panasonic	120mAh Battery	1
27	LM2662MNOPB	Texas Instruments	Power Regulator	1
28	LP286IMX-3.3	Texas Instruments	Power Regulator (3.3V)	1
29	TPS3702CX33DDCR	Texas Instruments	3.3V Monitor	1
30	AD8616ARMZ	Analog Devices	Buffer	1
31	AD5628BRUZ-2	Analog Devices	DAC	1
32	MAX3079EESD+	Maxim	RS-422/RS-485 Transceiver	1
33	MC34CM0902WEF	Freescale	Dual CAN Transceiver	1
34	TST-105-01-F-D	Samtec	10-Pin Shrouded Header	1
35	DS3231S#T-R	Maxim	I2C Integrated RTC	1
36	PCA9548APW	NXP Semiconductor	8-Channel I2C Switch	1
37	MIC2544-2YM	Micrel	Power Switch	3
38	MIC2040-1YMM	Micrel	Power Switch	3
39	CAT24AA02TDI-GT3	ON Semiconductor	I2C EEPROM	1
40	TFM-120-03-F-D-WT	Samtec	0.050in 40-pin Terminal Strip	2
41	USB3300-EZK	Microchip	USB PHY	1
42	MIC2076-1YM	Micrel	Dual-Channel Power Switch	1
43	MIC2077-1YM	Micrel	Quad USB +5V Switch	1
44	USB2517	Microchip	USB 2.0 7-Port Hub Controller	1
45	TXS0108EPWR	Texas Instruments	8-Bit Level Translator	1
46	MS12ANW03	NKK Switches	Toggle Switch	1
47	TSW-103-07-F-D	Samtec	6-Pin 0.100in. Terminal Strip	1
48	N3314-6302RB	3M	14-Pin Latching 0.100in Header	1

NOTES:
1. Item (35) placed on reverse side of board

PRELIMINARY

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE: snickerdoodle Industrial SBC Baseboard

SIZE	DWG. NO.	REV
C	whiteRhino	2
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1