





## Component list

Bill of Materials for BOM Document [POWER\_PCB.BomDoc]

Source Data From: Project: Variant: POWER\_PCB.BomDoc
POWER\_PCB.PrjPcb
None

2:50 PM

3/26/2020

Altum

Think it, Design it, Build it

Control   Cont		Print	Date:		26-Mar-20	2:51:05 PM									
Marganiform	· ·		Quantity	_	Supplier Order Qty 1					n Name Error:' Supplier Ord	n Name Error:' Manufa	n Name Error:' Manufacturer Part N	n Name Error:' Supplier Unit		Total Price
Manufacture	Accelerometer		1	AC1	1	Hillcrest Laboratories	BNO080	13.48	13.48					USD	13.48
The State   1	Integrated Circuit	14N	1	IC3	1	Texas Instruments	LMP91051MT/NOPB	4.61	4.61					USD	4.61
No.   Company   1	Integrated Circuit	60-33N-D	1	IC4	1	STMicroelectronics	STM32F301K6U6	2.12	2.12					USD	2.12
March   Marc	Pow er Supply		1	PS1	1	Texas Instruments	TPS2115ADRBR	1.73	1.73					USD	1.73
Manuschanger Septiment   1	Integrated Circuit		1	106	1	Texas Instruments	TLV9062IDSGT	1.14	1.14					USD	1.14
Common	Diode		1	D1	1	Vishay	VBPW34FASR	0.9972	0.9972					USD	0.9972
Common   C	Mc Mems Analog		1	MK1	1	Knowles	SPV1840LR5H-B	0.93	0.93					USD	0.93
Process   Proc	Connector	54722-0164	1	J1	5	Molex	54722-0164	0.178	0.178					USD	0.178
March   1980	CAP CER 4.7UF 4V X5R 0402	SMD-0402C	5		5	Murata	GRM155R60J475ME47D	0.147	0.735					USD	0.735
Company   Comp	Integrated Circuit		1	IC2	1	Microchip	MCP73831T-2ACI/MC	0.5342	0.5342					USD	0.5342
Company   Comp	Switch	PCM12SMTR_1	1	S1	1	ITT C&K	PCM12SMTR	0.485	0.485					USD	0.485
Container			2		2										
Person   P	LED		1	LED1	1	Rohm	SML-E12M8WT86	0.38	0.38					USD	0.38
	Crystal or Oscillator	H01R0	1	Y3	1	Murata	XRCGB32M000F1H01R0	0.3632	0.3632					USD	0.3632
No.	Crystal or Oscillator	FC135327680KAA G0	1	Y2	1	Epson	FC-13532.7680KA-A5	0.3429	0.3429					USD	0.3429
Company   Comp	MOSFET (P-Channel)	SOTFL50P160X85- 3N	1	Q2	1	Rohm	RE1C002ZPTL	0.33	0.33					USD	0.33
Color   Colo	Integrated Circuit		1	IC5	1	Microchip	MCP1700T-3302E/MAY	0.2837	0.2837					USD	0.2837
ON-CHECK TO STATE AND AND ADDRESSES   0	CAP CER 6800PF 25V X7R 0402		1	C15	1	Kyocera AVX	04023C682KAT2A	0.2565	0.2565					USD	0.2565
CAPCERT   CAPCES	CAP CER 0.1UF 16V X7R 0402		8		10	Murata	GRM155R71A104JA01D	0.0238	0.1904					USD	0.1904
Company   Comp	Diode	SODFL1608X70N	1		1	MCC	1N4148X-TP	0.127	0.127					USD	0.127
CAPCIDED	CAP CER 10000PF 50V X7R 0402	SMD-0402C	5		10	Taiyo Yuden	JMK042C7103KC-W	0.01	0.05					USD	0.05
RES SIAD DIOK CHARDS, 1/10W 0402	RES SMD 17.4K OHM 1% 1/10W 0402	SMD-0402-RES	1	R5	1	Panasonic	ERJ-2RKF1742X	0.0532	0.0532					USD	0.0532
NESSIND   100 CMM   100	CAP CER 15PF 50V NP0 0402	CAPC1005X55N	2		2	Kyocera AVX	04025A150JAT2A	0.026	0.052					USD	0.052
RESIDENT PROPERTY   SUPPLE	RES SMD 10K OHM 5% 1/10W 0402	SMD-0402-RES	5	R16	5	Panasonic	ERJ-2RKF1002X	0.005	0.025					USD	0.025
RES SUN TO CHAPTS: 1/100/0402   SUN-OLOGE RES   2   Fig. 8   2   Types   CAMADERS THROW 0402   CAMADERS THROW 0402   RESCUESSAMN   1   RS   1   Visibly   CAMADERS THROW 0402	RES SMD 100K OHM 5% 1/10W 0402	SMD-0402-RES	6		6	Panasonic	ERJ-2RKF1003X	0.00325	0.0195					USD	0.0195
RES SIAD 51 NO MOREZ RES SIAD			2		2										0.014
RES SINDS   MORPAS			2		2										
RES SIAN DICK CHARTON 1-100X 6922 SIAD-04022-RES 1 RES 1 NEW 6922-RES 1 NEW 69			1		1										0.005
RES SIND TO MAYERS 1 1 RE 1 Vinlay Date CREWARD REGION 0.003			1		1										
RES SAD 1907 CAPES 1 1 P4 1 Vishey CRX/000621 109FMEA 0.003			1		1										
RES MID 190X CHAIRS 1 1 R7 1 Vishey CREMAND2190XFMED 0.003 0			1												
CAP CER 1UF 10V X7S 0402			1												
CAPUCAN (THE TOTAYS MALE   MATERIAL PROPERTY						-		0.003	0.003					USD	
Connector   TC2000ACPH_10		0402-RES		C27		Murata	GRM155R61A105KE15D								Ů
TR. 175, 176, 177, 176, 177, 177, 177, 177, 177			· · · · · · · · · · · · · · · · · · ·			1									-
XXT-005MF-65A 1 ON 0	South Resource	TestPoint_0.4mm, TESTPOINT_1MM_	·	TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP14, TP15, TP18, TP19, TP20, TP21, TP22, TP23, TP24,											Ů
Undefined or Miscellaneous ZTP-13SSR 1 U1 Amphenol ZTP-13SSR 0		XNT-005MF-05A	1												0
	Undefined or Miscellaneous	ZTP-135SR	1	U1		Amphenol	ZTP-135SR								0