







Component list

Bill of Materials for BOM Document [MCU_PCB.BomDoc]

Source Data From: Project: Variant: MCU_PCB.BomDoc
MCU_PCB.PrjPcb
None



	eport Date:		3/26/2020 2:48 PM						Think it, Design it, Build it™					
4														
	P	rint Date:		26-Mar-20	2:49:13 PM	_								
Description	Footprint	Quantity	Designator	Supplier Order Qty 1	Manufacturer 1	Manufacturer Part Number 1	Supplier Unit Price 1	Supplier Subtotal per Board 1	n Name Error:' Supplier Ord n	Name Error:' Manufa	n Name Error:' Manufacturer Part N	n Name Error:' Supplier Unit	Supplier Currency 1	Total Price
Intenna	ANTC1608X40N	1	ANT1	1	Johanson	2450AT14A0100T	0.42	0.42					USD	0.42
CAP CER 0.1UF 16V X7R 0402	SMD-0402C	9	C1, C9, C10, C11, C12, C13, C14, C20, C23	10	Murata	GRM155R71C104KA88D	0.024	0.216					USD	0.216
CAP CER 15PF 50V NP0 0402	SMD-0402C	2	C2, C3	2	Murata	GCM1555C1H150JA16D	0.1	0.2					USD	0.2
CAP CER 0.8PF 50V NP0 0402	SMD-0402C	2	C4, C6	2	Murata	GRM1555C1HR80BA01D	0.102	0.204					USD	0.204
CAP CER 0.3PF 50V NP0 0402	SMD-0402C	2	C5, C7	2	Murata	GRM1555C1HR30WA01D	0.1615	0.323					USD	0.323
CAP CER 4.7UF 4V X5R 0402	SMD-0402C	3	C8, C18, C19	3	Murata	GRM155R60J475ME47D	0.147	0.441					USD	0.441
CAP CER 100PF 50V NP0 0402	SMD-0402C	1	C15	1	KEMET	C0402C101J5GACTU	0.095	0.095					USD	0.095
CAP CER 1UF 10V X7S 0402	SMD-0402C	2	C16, C17		Murata	GRM155R61A105KE15D								0
CAP CER 10000PF 50V X7R 0402	SMD-0402C	1	C21	1	Vishay	VJ0402Y103KXJCW1BC	0.0931	0.0931					USD	0.0931
CAP CER 5PF 50V NP0 0402	SMD-0402C	1	C22	1	Murata	GRM1555C1H5R0CA01D	0.1	0.1					USD	0.1
AP CER 10PF 50V NP0 0402	SMD-0402C	1	C24	1	Kyocera AVX	04025A100BAT2A	0.45	0.45					USD	0.45
Node	VBPW34FASR	1	D1	1	Vishay	VBPW34FASR	0.9972	0.9972					USD	0.9972
errite Bead	BEADC1608X95N	1	FB1	1	Murata	BLM18KG601SZ1D	0.1	0.1					USD	0.1
ntegrated Circuit	SOT95P280X145- 6N	1	IC1	1	STMicroelectronics	USBLO6-2SO6	0.158	0.158					USD	0.158
ntegrated Circuit	QFN50P700X700X 65-49N-D	1	IC2	1	STMicroelectronics	STM32WB55CGU6	7.91	7.91					USD	7.91
Integrated Circuit	SON65P200X200X 90-7N	1	IC3	1	Microchip	MCP1700T-3302E/MAY	0.2837	0.2837					USD	0.2837
ntegrated Circuit	SON50P300X200X 100-9N-D	1	IC4	1	Microchip	MCP73831T-2AC/MC	0.5342	0.5342					USD	0.5342
ntegrated Circuit	SON50P200X200X 80-9N	1	IC5	1	Texas Instruments	TLV9062IDSGT	1.14	1.14					USD	1.14
	X2SON X2SON	1	IC6	1	Digikey	296-49053-1-ND	0.81	0.81					USD	0.81
Connector	54722-0164	1	J1	5	Molex	54722-0164	0.178	0.178					USD	0.178
Connector	ZX62B5PA33	1	J2	1	Hirose	ZX62-B-5PA(33)	0.41787	0.41787					USD	0.41787
Connector	TC2030MCPNL10	1	J3											0
nductor	INDC1005X55N	1	L1	1	Murata	LQG15HS2N7S02D	0.1	0.1					USD	0.1
nductor	INDC2012X145N	1	L3	1	Taiyo Yuden	LBR2012T100K	0.037	0.037					USD	0.037
ED	LEDC1608X46N	1	LED1	1	Rohm	SML-E12M8WT86	0.38	0.38					USD	0.38
	LFL212G45TC1A0 07	1	LPF1	1	Murata	LFL212G45TC1A007	0.3	0.3					USD	0.3
	P70-5000045R	2	P1, P2	2	Harw in	P70-5000045R	0.84	1.68					USD	1.68
leader, 2-Pin	HDR1X2	1	P3											0
	CAPTIVATE_BRE AKOUT_PADS	1	P4											0
IOSFET (P-Channel)	SOTFL50P160X85- 3N	1	Q1	1	Rohm	RE1C002ZPTL	0.33	0.33					USD	0.33
ES SMD 1K OHM 5% 1/10W 0402	SMD-0402-RES	2	R1, R2	2	Panasonic	ERJ-2RKF1001X	0.007	0.014					USD	0.014
ES SMD 10K OHM 5% 1/10W 0402	SMD-0402-RES	2	R3, R13	2	Panasonic	ERJ-2RKF1002X	0.005	0.01					USD	0.01
ES SMD 100K OHM 5% 1/10W 0402	SMD-0402-RES	4	R4, R5, R9, R10	4	Panasonic	ERJ-2RKF1003X	0.00325	0.013					USD	0.013
RES SMD 110 OHM 5% 1/10W 0402	SMD-0402-RES	1	R6	1	Vishay	CRCW0402110KFKED	0.0925	0.0925					USD	0.0925
RES SMD 17.4K OHM 1% 1/10W 0402	SMD-0402-RES	1	R7	1	Vishay	CRCW040217K4FKED	0.003	0.003					USD	0.003
RES SMD 47K OHM 5% 1/10W 0402	SMD-0402-RES	1	R8	1	Panasonic	ERJ-2RKF4702X	0.004	0.004					USD	0.004
RES SMD 3.3K OHM 5% 1/10W 0402	SMD-0402-RES	2	R11, R12	2	Panasonic	ERJ-2RKF3301X	0.004	0.008					USD	0.008
RES SMD 1M OHM 5% 1/10W 0402	SMD-0402-RES	1	R14	1	Yageo	RC0402FR-071ML	0.003	0.003					USD	0.003
	TestPoint_0.4mm	21	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP21, TP22, TP23, TP25											0
Drystal or Oscillator	NX3215SA	1	Y1	1	NDK	NX3215SA-32.768K-STD-MUA-8	0.68	0.68					USD	0.68
	XRCGB32M000F1	· · · · · · · · · · · · · · · · · · ·												
Crystal or Oscillator	H01R0	1	Y2	1	Murata	XRCGB32M000F1H01R0	0.3632	0.3632					USD	0.3632