

phoenix_bom_PRINT

Component	References	Value	Quantity Per PCB
	1 BT1	3.7V Lipo	1
	2 C1 C2	C_0.1uF	2
	3 C8 C9 C10	C_1000pF	3
	4 C5	C_100pF	1
	5 C3 C4	C_10uF	2
	6 C6 C7	C_30pF	2
	7 D1 D2 D3	LED_0805	3
	8 J2	Micro_SD_Card_Det	1
	9 J1	Ultrafit_2	1
	10 P1	CONN_02X03	1
	11 Q1	IRLML6344	1
	12 R3	5K	1
	13 R2	9K	1
	14 R7	R_100	1
	15 R1 R8 R9	R_10k	3
	16 R4 R5 R6	R_200	3
	17 U2	ADX377	1
	18 U1	ATMEGA328P-AU	1
	19 U4	L6932D1.2	1
	20 U3	MMA8451QT	1
	21 U5	RFTRANS434MHZ	1
	22 Y1	Crystal_SMD	1

Component Groups:

Component Count:

Fitted Components:

Number of PCBs:

Total components:

Schematic Version:

Schematic Date:

BoM Date:

Schematic Source:

KiCad Version:

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Datasheet	Package
http://datasheets.avx.com/X7RDielectric.pdf	Value
https://content.kemet.com/datasheets/KEM_C1003_C0G_SMD.pdf	Value
http://datasheets.avx.com/cx5r.pdf	Value
https://media.digikey.com/pdf/Data%20Sheets/Samsung%20PDFs/CL_Series_MLCC_ds.pdf	Value
http://www.osram-os.com/Graphics/XPic9/00078860_0.pdf	Value
http://portal.fciconnect.com/Comergent//fci/drawing/67996.pdf	Value
https://www.infineon.com/dgdl/irlml6344pbf.pdf?fileId=5546d462533600a4015356689c44262c	Value
https://www.seielect.com/Catalog/SEI-rncp.pdf	Value
http://www.bourns.com/data/global/pdfs/CRS.pdf	Value
https://www.seielect.com/Catalog/SEI-RMCF_RMCP.pdf	Value
https://support.epson.biz/td/api/doc_check.php?dl=brief_FA-238V_en.pdf	Value

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MPN	MFN
478-3352-1-ND	Digi-Key
1276-6843-1-ND	Digi-Key
399-1122-1-ND	Digi-Key
478-5167-1-ND	Digi-Key
1276-1130-1-ND	Digi-Key
475-1410-1-ND	Digi-Key
WM11570-ND	Digi-Key
609-3234-ND	Digi-Key
RNCP0805FTD100RCT-ND	Digi-Key
CRS0805-FX-1002ELFCT-ND	Digi-Key
RMCF0805JT200RCT-ND	Digi-Key
SER3686CT-ND	Digi-Key

PurchasingLink

<https://www.digikey.com/products/en?keywords=478-3352-1-ND>

<https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL21B102KB6WPNC/1276-6843-1-ND/5961702>

<https://www.digikey.com/product-detail/en/kemet/C0805C101J5GACTU/399-1122-1-ND/411397>

<https://www.digikey.com/product-detail/en/avx-corporation/0805ZD106KAT2A/478-5167-1-ND/1913257>

<https://www.digikey.com/product-detail/en/samsung-electro-mechanics-america-inc/CL21C300JBANNNC/1276-1130-1-ND/38>

<https://www.digikey.com/products/en?keywords=475-1410-1-ND>

<https://www.digikey.com/product-detail/en/molex-llc/1722861102/WM11570-ND/5344267>

<https://www.digikey.com/product-detail/en/amphenol-fci/67997-206HLF/609-3234-ND/1878491>

<https://www.digikey.com/products/en?keywords=RNCP0805FTD100RCT-ND>

<https://www.digikey.com/products/en?keywords=CRS0805-FX-1002ELFCT-ND>

<https://www.digikey.com/products/en?keywords=RMCF0805JT200RCT-ND>

<https://www.digikey.com/products/en?keywords=SER3686CT-ND>

PurchasingLinks

<https://www.digikey.com/product-detail/en/infineon-technologies/IRLML6344TRPBF/IRLML6344TRPBFCT-ND/2538168>

<https://www.digikey.com/product-detail/en/analog-devices-inc/ADXL377BCPZ-RL7/ADXL377BCPZ-RL7CT-ND/3678489>

<https://www.digikey.com/products/en?mpart=MMA8451QT&v=568>

<https://www.sparkfun.com/products/10534>