

Ledgour BoM

Updated 2018-01-07

Name	Package	Designation	Qty	Link	Alternative link
C1,C2,C3,C4,C9,C13	C_0805	0.1uF	6	https://www.arrow.com/en/products/vi0805v104jxxcw1bc/vishay	
C5,C6,C22,C23	C_0805	1uF	4	https://www.arrow.com/en/products/vi0805v105jxqtw1bc/vishay	
C7,C8	C_0805	20pF	2	https://www.arrow.com/en/products/nmc0805np020050rpf/nic-components	
C10,C14	C_0805	4.7uF	2	https://www.arrow.com/en/products/vi0805v475zqtw1bc/vishay	
C11,C12,C20	C_0805	2.2uF	3	https://www.arrow.com/en/products/vi0805v225kxqtw1bc/vishay	
C15	C_0805	0.015uF	1	https://www.arrow.com/en/products/c21b153kbannnc/samsung-electro-mechanics	
C16,C17	C_0805	27pF	2	https://www.arrow.com/en/products/c21c27Qjannnc/samsung-electro-mechanics	
C18,C19	C_0805	180pF	2	https://www.arrow.com/en/products/c21c181jannnd/samsung-electro-mechanics	
C21	C_0805	39pF	1	https://www.arrow.com/en/products/c21c39Qjannnc/samsung-electro-mechanics	
R1,R2,R14	R_0805	10k	3	https://www.arrow.com/en/products/crcw08051k0jnea/vishay	
R3,R4,R5,R6	R_0805	1.2k	4	https://www.arrow.com/en/products/crcw08051k20kfea/vishay	
R7	R_0805	680k	1	https://www.arrow.com/en/products/crcw0805680kfea/vishay	
R8	R_0805	1M	1	https://www.arrow.com/en/products/crcw08051m00jneahp/vishay	
R9,R12,R13,R16,R17	R_0805	0	5	https://www.arrow.com/en/products/rca08050000zsea/vishay	
R10,R11	R_0805	100k	2	https://www.arrow.com/en/products/crcw0805100kfebv/vishay	
R15	R_0805	1k	1	https://www.arrow.com/en/products/crcw08051k00jnta/vishay	
R18	R_0805	10	1	https://www.arrow.com/en/products/crcw0805100jneav/vishay	
BT1	PINHEAD1-2	Battery	1	https://www.arrow.com/en/products/0901200778/molex	
L1	PINHEAD1-2	Antenna	1	https://www.arrow.com/en/products/0901200778/molex	
L2	L_1206	10uH	1	https://www.arrow.com/en/products/nlcv32t-100k-pfr/tdk	
D1	D_0805	D_Schottky	1	https://www.arrow.com/en/products/sd0805s020s0r5/avx	
SW1	wurth436353045816	WURTH 436353045816	1	http://uk.farnell.com/wurth-elektronik/436353045816/switch-160gf-side-wte-j-bend-boss/dp/1868021	https://www.digikey.com/product-detail/en/wurth-electronics-inc/436353045816/732-7062-1-ND/5225510
SW2	multicompMCFTE-3C-V	SW-PB	1	http://uk.farnell.com/multicomp/mcfte-3c-v/switch-micro-detect-smd/dp/1316985	
U1	SOT-23-5	LD39020	1	https://www.arrow.com/en/products/ld39020adm30r/stmicroelectronics	
U2	TSSOP-8_4.4x3mm_Pitch0.65mm	STMPS2151TTR	1	https://www.arrow.com/en/products/stmps2151ttr/stmicroelectronics	https://www.mouser.de/ProductDetail/STMicroelectronics/STMPS2151TTR/?qs=qolwYQYp3TtdEE8TCWfkg
U3	WLCSP	ST31G480	1	N/A to due NDA	
U4	LQFP-64_10x10mm_P tch0.5mm	STM32L476RCT6	1	https://www.arrow.com/en/products/stm32476rct6/stmicroelectronics	
U5	amsAS3921	AMS_AS3921	1	https://www.arrow.com/en/products/as3921-bwlt/ams-ag	https://www.mouser.de/ProductDetail/ams/AS3921-BWLM/?qs=16w8nSHsg3vn3%252bCT5rH3bA
U6	DFN-12-1EP_3x3mm_Pitch0.45mm	STNS01PUR	1	https://www.arrow.com/en/products/stns01pur/stmicroelectronics	
U7	STSPBTLF-RF	SPBTLF-RF	1	https://www.arrow.com/en/products/spbtle-rf/stmicroelectronics	https://www.mouser.de/ProductDetail/STMicroelectronics/SPBTLF-RF0/?qs=Mv7BduZupUjx1Mb4nyoAA%3d%3d
U8	DFN-6-1EP_2x2mm_Pitch0.5mm	STLA02PUR	1	https://www.arrow.com/en/products/stla02pur/stmicroelectronics	https://www.mouser.de/ProductDetail/STMicroelectronics/STLA02PUR/?qs=L6eUzyzWLAtrJwKaBBv23Q
Y1	4pin_5.0x3.2mm	Abracon_ABM3B_8MHz	1	https://www.arrow.com/en/products/abm3b-8.000mhz-b2-l/abracon	
P1,P2	Tag Connect TC2030-IDC	Tag Connect TC2030-IDC	2	http://www.tag-connect.com/TC2030-IDC	
P3	hiroseFH23-39S	YL035MY2	1	https://www.mouser.de/ProductDetail/Wurth-Electronics/6871112149022/?qs=s9W/hcLg8qCybEd6lzf%2fupw	
P4	wurth687-112-149-022	YL035MY2_TS_WURTH	1	https://www.mouser.de/productdetail/wurth-electronics/629105150521?qs=sGAEpMZZMulM6LPOQ%252bYk2Wnkghg7F8rzYbeZ9K0IhE7azhp8rv2w	
J1	USB_Micro-B	Wuerth-629105150521	1		