Chordata Mini HUB Bill of Materials - v1.3

2020 Valor

				Supplier									Footprint
Item	Part Number	Designator	Quantity in a set	Mouser			Digi-Key			LCSC.com			
				Mouser No.	Price/pcs	Price/set	Digi-Key No.	Price/pcs	Price/set	LCSC Part#	Price/pcs	Price/set	
1	PCA9548ABS,118	U5	1	771-PCA9548ABS118	$1.09	1.09							SMD, HVQFN-24
2	WS2812B	STATUS	1	COM-13667 (sold in strip of 10)	$4.95	4.95				C114586 (minimum 5)	0.1	$0.10	SMD
3	RJLSE-63061-01T2	CN1,CN2,CN3,CN4,CN5,CN6	6	523-RJLSE-63061-01T2	$1.03	6.18							SMD
4	VLP-500-R	LEDPIPE	3	749-VLP-500-R	$0.55	1.65							-
5	649-1012938390601ALF	HEADER-SBC	1	511-M24C02-WMN6TP	$0.12	$0.12							SMD, SOIC-8
6	NCP114BSN330T1G	U2	1	863-NCP114BSN330T1G	$0.26	$0.26							SMD, TSOP-5
7	Generic 0805 RED LED	3V3,5V0	2	604-AP2012HD	$0.12	$0.24							SMD, 0805
8	Generic 0805 MLCC 100nF		45	710-885012207098	$0.06	$2.79							SMD, 0805
9	Generic 0805 MLCC 10nF		15	710-885012207092	$0.08	$1.20							SMD, 0805
10	Generic 1206 MLCC 10uF	C7,C6	2	963-EMK316BJ106KD-T	$0.14	$0.28							SMD, 1206
11	Generic 0805 10K	R5,R6,R1,R2,R3,R4,R7,R8,R9,R10,R11,R12,R13,R14,R15,R16,R17	17	71-CRCW080510K0FKEAC	$0.06	$1.00							SMD, 0805
				Mouser total		$19.76	Digi-Key total		$0.00	LCSC total		$0.10	