

Chordata Mini K-Ceptor Bill of Materials - v1.3

2020 Valor

Item	Part Number	Designator	Quantity in a set of 15 K-Ceptors	Supplier									Footprint
				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	LSM9DS1TR	U1	15	511-LSM9DS1TR	\$5.54	\$83.10	497-14946-1-ND	\$6.10	\$91.56				SMD, LGA
2	LTC4316CMS#PBF	U2	15	584-LTC4316CMS#PBF	\$3.52	\$52.80	LTC4316CMS#PBF-ND	\$3.52	\$52.80				SMD, MSOP-10
3	RJLSE-63061-01T2	IN,OUT	30	523-RJLSE-63061-01T2	\$1.03	\$30.90	RJLSE6306101T2CT-ND	\$1.46	\$43.72				SMD
4	VLP-200-R	LEDPIPE	30	749-VLP-200-R	\$0.16	\$4.74	492-2533-ND	\$0.38	\$11.28				-
5	M24C02-WMN6TP	U3	15	511-M24C02-WMN6TP	\$0.12	\$1.85				C7562	\$0.09	\$1.28	SMD, SOIC-8
6	NCP114BSN330T1G	U4	15	863-NCP114BSN330T1G	\$0.26	\$3.83				C327507	\$0.09	\$1.29	SMD, TSOP-5
7	Generic 0805 RED LED	3V3,5V0	30	604-AP2012HD	\$0.12	\$3.60				C205444	\$0.01	\$0.30	SMD, 0805
8	Generic 0805 MLCC 100nF	C2,C3,C1	45	710-885012207098	\$0.06	\$2.79				C277502	\$0.02	\$0.76	SMD, 0805
9	Generic 0805 MLCC 10nF	C5	15	710-885012207092	\$0.08	\$1.20				C326835	\$0.01	\$0.22	SMD, 0805
10	Generic 1206 MLCC 10uF	C7,C6,C4	45	963-EMK316BJ106KD-T	\$0.14	\$6.21				C159760	\$0.03	\$1.48	SMD, 1206
11	Generic 0805 10K	R1,R2,R3,R7	60	71-CRCW080510K0FKEAC	\$0.06	\$3.54				C25612	\$0.01	\$0.60	SMD, 0805
12	Generic 0805 4K7	R6	15	71-CRCW08054K70FKEAC	\$0.06	\$0.89				C380775	\$0.01	\$0.15	SMD, 0805
13	Generic 0805 976K	RLT	15	667-ERJ-6ENF9763V	\$0.08	\$1.22				C101920	\$0.01	\$0.15	SMD, 0805
14	Generic 0805 0R	RLB	15	71-CRCW08050000Z0EAC	\$0.04	\$0.59				C79505	\$0.01	\$0.15	SMD, 0805
15	Generic 0805 102K	RLB	15	652-CR0805FX-1023ELF	\$0.04	\$0.62				C40372	\$0.01	\$0.15	SMD, 0805
16	Generic 0805 182K	RLB	15	652-CR0805FX-1823ELF	\$0.04	\$0.62				C104051	\$0.01	\$0.15	SMD, 0805
				Mouser total			Digi-Key total			LCSC total			
				\$198.47			\$199.36			\$6.68			