

RFCx_BOM

Project: RFCx
 Tool: kicad
 Number of Parts: 145

Reference

	Quantity	Value	Distributor	Distributor #	Single Quantity Price	Extended Price
Q1	1	FDC638	DigiKey	FDC638PCT-ND	\$0.55	\$0.55
C2,C4	2	10pF	DigiKey	709-1168-1-ND	\$0.10	\$0.20
C3,C1,C6,C18,C17 ,C16,C31,C35,C39	9	1uF	DigiKey	1276-1275-1-ND	\$0.10	\$0.90
C5,C30,C34,C38	4	10uF	DigiKey	587-1312-1-ND	\$0.17	\$0.68
C7,C32,C36,C40	4	22uF	DigiKey	1276-1822-1-ND	\$0.53	\$2.12
C8,C33,C37,C41	4	1nF	DigiKey	399-1147-1-ND	\$0.10	\$0.40
C9,C10,C11,C13,C 12,C14,C29,C24,C 42,C25,C23,C44	12	0.1uF	DigiKey	311-1245-1-ND	\$0.57	\$6.84
R20,R21	2	0.2, 1W	DigiKey	989-1049-1-ND	\$0.61	\$1.22
Q2,Q3	2	FZT788B	DigiKey	FZT788BCT-ND	\$1.01	\$2.02
C15	1	22uF Tant	DigiKey	511-1506-1-ND	\$1.03	\$1.03
C19	1	39pF	DigiKey	1276-1769-1-ND	\$0.10	\$0.10
C20	1	68uF Tant	DigiKey	478-8414-1-ND	\$1.08	\$1.08
C26	1	4.7uF	DigiKey	1276-1065-1-ND	\$0.21	\$0.21
C22,C21	2	47pF	DigiKey	1276-1832-1-ND	\$0.10	\$0.20
C28,C27	2	1uF	DigiKey	709-1108-1-ND	\$0.74	\$1.48
C43	1	0.22uF	DigiKey	587-1287-1-ND	\$0.12	\$0.12
R1,R2,R7,R38,R43 ,R48	6	0.01,1W	DigiKey	RHM.010ASCT-ND	\$0.69	\$4.14
R3,R4,R18,R19,R5 2,R54,R56,R55,R5 3,R51	10	10k	DigiKey	P10KACT-ND	\$0.10	\$1.00
R5,R6,R26,R27,R3 6,R37,R41,R42,R4 6,R47	10	1k	DigiKey	P1.0KACT-ND	\$0.10	\$1.00
R8,R39,R44,R49	4	6650	DigiKey	P6.65KCCT-ND	\$0.10	\$0.40
R9,R40,R45,R50,R 11,R13	6	2100	DigiKey	P2.10KCCT-ND	\$0.10	\$0.60
R10,R12	2	1540	DigiKey	P1.54KCCT-ND	\$0.10	\$0.20
R16,R17	2	2550	DigiKey	311-2.55KCRCT-ND	\$0.10	\$0.20
R14,R15,R28	3	200k	DigiKey	P200KACT-ND	\$0.10	\$0.30
R24,R25	2	Res	NA	NA		\$0.00
R22,R23	2	5k	DigiKey	P4.99KCCT-ND	\$0.10	\$0.20
R29	1	49.9	DigiKey	P49.9CCT-ND	\$0.10	\$0.10
R30	1	150k	DigiKey	P150KCCT-ND	\$0.10	\$0.10
R31	1	49.9k	DigiKey	P49.9KCCT-ND	\$0.10	\$0.10
D8	1	GRN	DigiKey	754-1939-1-ND	\$0.58	\$0.58
D9	1	LED	DigiKey	511-1293-1-ND	\$0.46	\$0.46
R34,R35	2	730	DigiKey	P732CCT-ND	\$0.10	\$0.20
R33,R32	2	27	DigiKey	P27ACT-ND	\$0.10	\$0.20
X1	1	32kHz	DigiKey	300-8744-1-ND	\$1.18	\$1.18

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D2,D3,D4,D5,D6,D7,D10,D11,D12,D1	10 1N5819	DigiKey	1N5819HW-FDICT-ND	\$0.52	\$5.20
L1,L3,L4,L5	4 27uH	DigiKey	SRR1260-270MCT-ND	\$0.99	\$3.96
L2	1 6.8uH	DigiKey	SRN6045-6R8YCT-ND	\$0.43	\$0.43
P1	1 Terminal Block	DigiKey	ED2615-ND	\$1.31	\$1.31
U1	1 LTC4412	DigiKey	LTC4412ES6#TRPBFC	\$3.07	\$3.07
U2	1 ATmega328P	DigiKey	ATMEGA328P-AU-ND	\$3.58	\$3.58
J1	1 ICSP	DigiKey	S2011EC-03-ND	\$0.36	\$0.36
U3,U12,U13,U14	4 SPV1040	DigiKey	NA		\$0.00
U4,U5	2 LTC6800	DigiKey	LTC6800HMS8#PBF-N	\$3.12	\$6.24
U6	1 ADS1015	DigiKey	296-25227-1-ND	\$3.42	\$3.42
U7,U8	2 bq2057CTS	DigiKey	296-25916-1-ND	\$1.91	\$3.82
B1,B2	2 Li-ion(2Cell)	NA	NA		\$0.00
TH1,TH2	2 NTC	DigiKey	BC2384-ND	\$1.54	\$3.08
U10	1 LMR61428	DigiKey	LMR61428XMM/NOPB	\$1.87	\$1.87
U9	1 SM72238	DigiKey	296-39811-5-ND	\$1.67	\$1.67
U11	1 FT230X	DigiKey	768-1135-1-ND	\$2.04	\$2.04
J2	1 USB	NA	NA		\$0.00
J3	1 Barrel	NA	NA		\$0.00
U15	1 LM75BDP	DigiKey	568-4768-1-ND	\$0.62	\$0.62
U16	1 HIH6130	DigiKey	480-3651-1-ND	\$13.75	\$13.75
			TOTAL		\$84.53