

RefDes	Name	Value
C1, C8, C10, C16, C20, C21, C25, C26, C27	CAP_0805	1u
C2, C6, C14	CAP_0603	4.7n
C3, C4, C11, C12, C17, C28, C29	CAP_1210	22u
C5, C7, C9, C15, C18, C19, C22, C23, C24	CAP_0603	opt
D1, D2	B240-FDICT	
D3	MM3Z20VT10	<b>29</b> 0/T-21412ae
J1	90131-0132	
J2, J8, J9, J13	644456-2	
J3, J4	90131-0125	
J5, J6, J7	644456-3	
J10, J14	644456-4	
J11, J12	644456-8	
J15	1-644456-5	
L1, L2, L3	7443734622	<b>2</b> 2uH
Q1	2N7002	
Q2	PMOS-SOT2	•
R1, R5, R10, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R28, R29, R30, R31	RES_0603	100k
R2, R14	RES_0603	9.09k
R3, R4, R7, R32, R33	RES_0603	10.5k
R6	RES_0603	182k
R8, R11, R13 R27, R34, R36	RES_0603	opt
R9, R12, R15, R16, R35	RES_0603	0
U1	SC4501	
U2	LT3580EMS8	Ε
U3	NCP1117ST50	T3G
U4	LTC2602CMS	8
U5	LM4040DIM3	-4.1
U6	TL064D	
X1	Arduino Mega Partial 2.5	
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