

QTY	Part	Value
3	C1, C8, C9	100uF / 63v
	C2,C3,C4,C5,C6,C7,C10,C11,C14,C15,C16,C19,C23,	
21	C31,C32,C33,C34,C35,C36,C37,C38	100n / 50V
2	C20, C28	1000u / 6V
6	C17,C18,C22,C26,C27,C30	47u / 63V
4	C12,C13,C24,C25	680p
2	C21, C29	330p
2	R43,R59	150R
8	R34,R35,R36,R37,R53,R54,R55,R56	680R
8	R1,R38,R39,R40,R46,R62,R72,R74	10k
13	R8,R10,R12,R14,R19,R21,R25,R27,R32,R33,R47,R51,R52	10R
10	R2,R9,R11,R13,R15,R20,R24,R26,R29,R48	1k
13	R6,R7,R16,R17,R18,R63,R64,R68,R69,R70,R71,R73,R75	1k Ferrite
4	R30,R31,R49,R50	1k2
1	R67	2k
4	R41,R42,R57,R58	2k2
2	R22, R23	390R
1	R65	3k3
1	R66	560R
1	R4	5k
2	R95, R96	5k
1	R3	5R6
4	R44,R45,R60,R61	150k
0	R28	np
9	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q13	IRLM 6244
1	IC1	7805
1	IC2	7812
1	IC3	7912
2	IC4, IC5	74HC595D
2	IC6, IC7	TL071
4	Q9,Q10,Q14,Q15	BC847A
4	Q11,Q12,Q16,Q17	BC858A
1	SW1	EC12E_SW
	K1,K2,K3,K4,K5,K6,K7,K8,K9,K11,K12,K13,	
17	K14,K15,K16,K17,K18	12V DPDT
3	U2, U3, U4	MCP45HV51 50k
1	IC8	MW_DCWN03
1	U3	Arduino NANO V3
1	TR2	NTE1
1	D1	SS54B-HF 40V/5A
1	D2,D3,D4,D5,D6,D7,D8,D9,D10	1N4148
11	JP3,JP6,JP7,JP8,JP9,JP10,JP11,JP12,JP13,JP14,JP17	PINHD-1X5
1	JP4	PINHD-1X16
4	JP5,JP15,JP16,JP18	PINHD-1X4
9	LED3,LED4,LED5,LED6,LED7,LED8,LED9,LED10,LED11	CHIP-LED0805
3	LED1, LED2, LED14	LED 3mm

4 S1, S2,S3,S4
2 X1, X3

B3F-1050
2x05

Device	Package	Mouser
CPOL-EUE5-10.5	E5-10	140-RGA101M1JBK1012G
CAPACITOR	C0805	80-C0805C104M5R
CPOL-EUE5-10.5	E5-10	667-EEU-FK0J102
CPOL-EUE5-10.5	E5-10	710-860020773013
CAPACITOR	C0805	710-885012207115
CAPACITOR	C0805	710-885012207083
RESISTOR	R0805	71-CRCW0805150RFKEB
RESISTOR	R0805	71-CRCW0805680RJNEAC
RESISTOR	R0805	652-CR0805FX-1002ELF
RESISTOR	R0805	71-CRCW0805110RJNEA
RESISTOR	R0805	603-RC0805FR-071KL
RESISTOR	R0805	710-742792096
RESISTOR	R0805	603-RC0805FR-071K2L
RESISTOR	R0805	652-CR0805FX-2611ELF
RESISTOR	R0805	652-CR0805FX-2201ELF
RESISTOR	R0805	603-RC0805FR-07390RL
RESISTOR	R0805	603-RC0805FR-073K3L
POTENTIOMETER	CA9V	
POTENTIOMETER	SM-42/43A	858-35WR5KLFTR
RESISTOR		
RESISTOR	R0805	652-CR0805-F/5R60ELF
RESISTOR	R0805	
RESISTOR	R0805	
N-CHANNEL MOS FET	SOT23	942-IRLML6244TRPBF
VOLTAGE REGULATOR	TO220	926-LM7805CT/NOPB
VOLTAGE REGULATOR		
VOLTAGE REGULATOR	TO92	926-LM79L12ACZ/LFT4
8-bit SHIFT REGISTER	SO16	863-MC78L12ACPG
Low Noise OP-AMP	SO8	595-TL071ACDR
NPN Transistor	SOT23	771-BC847B-T/R
PNP Transistor	SOT23	771-BC857B-T/R
ALPS rotary Encoder EC12E series with ALPS_EC12E_SW		652-PEC11L4020FS0020
RELAIS	HDF2	655-V23105A5503A201
7/8-Bit SPI Digital Pot	SO8	579-MCP4151-503E/SN
Mean Well DCWN03		709-DCWN03A-15
CONTROLLER	NANO	AMAZON
AUDIO TRANSFORMER		568-NTE1
SCHOTTKY-DIODESMD	SMB	750-SS54B-HF
DIODE	SOD323-W	241-1N4148WSR100001
PIN HEADER	1X05	AMAZON
PIN HEADER	1X16	AMAZON
PIN HEADER	1X04	AMAZON
LED	CHIP-LED0805	AMAZON
LED	LED 3mm	AMAZON

SWITCH
IDC connector 10 pin

B3F-10XX

653-B3F-1050
AMAZON

Price

Digikey