

Group	Description	Remarks	Count	Ordered	Mouser excl taks		Ebay		Aliexpress		private		
					Price p pcs	Cost	Ordered	Price p pcs	Cost	Ordered		Price p pcs	Cost
Semi conductors	AD9952YSVZ		1	AD9952YSVZ	27.44	27.44							
	CY62157EV30L		1	CY62157EV30L-45ZSX1	9.05	9.05							
	FM25L256-G or FM25W256-G or FM25V02-G		1	FM25W256-G	5.42	5.42							
	BC847		1	BC847BW_115	0.15	0.15							
	LM1117 1V8		2	LM1117MPX-1.8/NOPB	0.91	1.81							
	LM1117 3V3		7	LM1117IMPX-3.3/NOPB	0.91	6.34							
	SN65LVD34D or FIN1002		1	FIN1002M5X	0.55	0.55							
	SS14		2	SS14	0.42	0.84							
	1n5819		2	1N5819	0.43	0.85							
	LM25755-5.0 1A 5.0V SMD		1	LM25755X-5.0/NOPB	2.57	2.57							
	STM32F407ZGT6		1	STM32F407ZGT6	14.00	14.00							
	Shortlist	Housinf + buttons + PCB set SP30SJ incl shipping		1	SP30SJ_PL	0.00	0.00					95.00	
		TCXO 100 MHz (aliexpress)	dip8	1	na	0.00	0.00	na	na	na	1	€ 15.83	€ 15.83
		Quartz 16MHz	size: 5x3.2	1	ABM3B-16.000MHZ-B2-T	0.64	0.64						
		Quartz 32.788KHz	MC-306	1	na	0.00	0.00						
		M2.5 broaching nut	brass	3		0.00	0.00						
		2.54mm 4P Pitch Dupont Jumper Wire Cable Housing Female Pin Connector	Black	1		0.00	0.00						
		Dupont Jumper Wire Cable Housing Female Pin Connector Terminal 2.54mm		4		0.00	0.00						
		5.0 inch WVGA 800x480 TFT LCD Controller Module Touch Display,12C,Serial SPI		1		0.00	0.00	1	€ 42.71	€ 42.71	na	na	na
		DCSV-24V 360P/R Encoder Incr. Rotary 360 P/R AB 2 Phase 6mm Shaft 38mm diameter		1		0.00	0.00	na	na	na	1	€ 9.26	€ 9.26
Momentary Tact Tactile Push Button Switch 6x6x11mm 4-pin SMD		6x6x11mm 4-pin SMD	18		0.00	0.00							
Rotary Encoder Push Button Switch Keyswitch Electronic Components		12mm	2		0.00	0.00							
CR2032 battery (holder) SMD/THD may be CR2032 battery PCB mount two pin		Max height 5mm	1	S8421-45R	0.97	0.97							
Bottom Connect 30Pin 1.0mm Pitch FFC FPC Ribbon Sockets Connector		37x7	1	included witch LCD	0.00	0.00	included w	included witch	included w	included w	included w	included w	
Single Row Right Angle Pin Header		2.54mm	19		0.00	0.00							
Male Single Row Pin Header		2.54mm	45		0.00	0.00							
Connector MMCX female jack solder PCB edge surface mount straight			2		0.00	0.00							
Capacitors		470uF Tantalum	7343	4	T495X477K010ATE100	1.82	7.28						
		220uF Tantalum	3528	2	TLNT227M010R1300	2.24	4.48						
		100uF Tantalum	7343	3	T495D107K016ATE125	1.51	4.53						
		47uF Tantalum	3528	5	TAJB476K010RNJ	0.42	2.11						
	22uF	1206	2	GRJ31CR70J26KFE12L	0.70	1.39							
	2u2	805	7	GRM219R61H225KE15D	0.18	1.27							
	100nF	805	141	GRM21BR71H104KA01L	0.04	5.36							
	47nF	805	15	GCM21BR71H473KA37L	0.11	1.62							
	22nF	805	2	GRM21B5C1H223JA01L	0.34	0.69							
	10nF	805	6	GRM216R71H103KA01D	0.09	0.55							
	1nF	805	20	GRM216R71H102KA01D	0.09	1.82							
	100p	805	12	08055C101KAT2A	0.09	1.09							
	39p	805	2	VJ0805A390KXAPW1BC	0.09	0.18							
	27p	805	2	VJ0805A270KXACW1BC	0.09	0.18							
	22p	805	2	0805A220KAT2A	0.09	0.18							
	18p	805	2	VJ0805A180KXACW1BC	0.09	0.18							
	12p	805	4	VJ0805A120KXACW1BC	0.09	0.36							
	8n2	805	4	08055C822KAT2A	0.09	0.36							
	5p6	805	2	C0805C569K5GACTU	0.24	0.48							
	3p9	805	2	C0805C399K5GACTU	0.05	0.09							
	1p	805	2	VJ0805A1R0BXAPW1BC	0.09	0.18							
	Resistors	68k	805	5	CRCW080568K0FKEA	0.09	0.46						
		27k	805	4	71-CRCW0805-27K-E3	0.09	0.36						
		20k	805	7	CRCW080520K0FKEA	0.09	0.64						
		10k	805	37	CRCW080510K0FKEA	0.04	1.63						
		7k5	805	3	CRCW08057K50FKEA	0.09	0.27						
		4k3	805	10	ERJ-6ENF4301V	0.03	0.26						
		3k9	805	1		0.09	0.09						
		2k4	805	4		0.09	0.36						
		1k	805	5		0.09	0.46						
470R		805	2		0.09	0.18							
220R		805	1		0.09	0.09							
100R		805	15		0.09	1.37							
56R		805	4		0.09	0.36							
22R		805	3		0.09	0.27							
Inductors		CDRH104R 330UH(331) 1A Shielded SMD	SMD 1280	1	SRR1280-331K	0.94	0.94						
	blm21pg331	805	21	BLM21PG331SN1D	0.06	1.30							
	mlb-321611	1206	12	HF50ACC321611-TD25	0.26	3.07							
	100nH	1206	6	AIML-1206-R10K-T	0.15	0.88							
	10uH	805	2	MLZ2012N100L	0.13	0.26							
					Subtotal	118.25			42.71		25.09	95.00	
					taks	31.43							
					Total	149.68			42.71		25.09	95.00	

Grand total EUR 312.48