

Cap		C15, C42, C50, C57, C65, C80	C0805NH145	06KE19L, CL21C222JBFN NNE, GRM21BR61A1 06KE19L, CL21C222JBFN NNE, GRM21BR61A1 06KE19L, GRM21BR61A1 06KE19L	6	C0805	2..2uF, 2.2nF, 10uF, 2.2nF, 10uF, 2.2uF	10V, 50V, 10V, 50V, 10V, 10V
Cap		C40, C55, C86	C1206NH190	GRM31C5C1H1 04JA01L, GRM31C5C1H1 04JA01L, GRM31CR71H4 75KA12L	3	C1206	100nF, 100nF, 22uF	50V
Cap_Var	Variable or Adjustable Capacitor	C41, C43, C56, C58	Cap_Var	Cap_Var	4		10-30pF, 2- 10pF, 10- 30pF, 2- 10pF	
NPO		C44, C53, C59, C68	C0603NH080	C0603C151J5GA C7867	4	C0603	150pF	50V
CE_AI	Aluminium Electrolytic Capacitor	C54, C69	CE_D8_3.5	CE_AI	2			
Cap	General Purpose	C71	C0603_Murata	GRM188R61C22 5KE15D	1	C0603	2.2uF	16V
Cap		C88, C89, C90, C92	C1206_Murata	GRM31CR71H4 75KA12L	4	C1206	22uF	50V
LightDiode		D1	D_C_LightDiode _3pin_D3	D_C_LightDiode _3pin_OA	1			
Diode	Small Signal Fast Switching Diode	D2, D22	SOD80_VISHAY _MINIMELF	LL4151-GS8	2			
D_Schottky	20V, 2A very low VF MEGA Schottky barrier rectifiers	D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	SOD323FL_NXP	PMEG2020EJ,11 5	13			
D_Schottky	30V, 1A, eSMP, Surface Mount Schottky Barrier Rectifiers	D18, D19, D20, D21	SOD323FL_VISH AY_MICROSMP	MSS1P3L- M3/89A	4			
Encoder	Rotary Encoder with button	ENC1, ENC2, ENC3, ENC4, ENC5	Encoder	Encoder	5			
BH-10		EXT_DATA_IN	BH-10	BH-10_2	1			
BNC	BNC Elbow Connector	IN_A, IN_B	BNC_RA CON	BNC	2			
Header 3X2	Header, 3-Pin, Dual row	JTAG	HDR2X3	Header 3X2	1			
AxW-K-x	5V переключаящее реле.	K1, K2	DIP10_Relay	A-5W-K	2			
L	Shielded Power Inductor Wire Wound H=2.8mm	L1, L2	L2424_TAIYO_N R60XX	NR6028T220M	2	L2525	22uH	
Header 10X2	Header, 10-Pin, Dual row	LCD	HDR2X10	Header 10X2	1			
BC847	NPN General-purpose Transistor	Q1	SOT23_N	BC847	1			
IRLML2402	20V, 0.25 Ohm, Single N-Channel HEXFET Power MOSFET	Q2, Q5, Q8	SOT23- 3_DISCRETE	IRLML2402TRPB F	3	NMOS		
IRLML6302	20V, 0.7A Single P-Channel HEXFET Power MOSFET	Q3, Q4, Q6, Q7	SOT23- 3_DISCRETE	IRLML6302TRPB F	4	PMOS		
NPN	40 V, 200 mA NPN general-purpose transistors	Q13	SOT323	MMBT3904WT1 G	1			
R	[NoValue], [NoValue], [NoValue], TC03 (0603) 1/16W 1% 10.0K 50PPM T/R-5000, TC03 (0603) 1/16W 1% 10.0K 50PPM T/R-5000, [NoValue], [NoValue], [NoValue], [NoValue], [NoValue]	R1, R2, R15, R105, R125, R143, R144, R145, R150, R151, Rt	R0603_UniOhm	0603SAF1002T5 0, 0603SAF1002T5 0, 0603SAF1000T5 0, TC0350F1002T5 E, TC0350F1002T5 E, 0603SAF2201T5 0, 0603SAF2201T5 0, 0603SAF2201T5 0, 0603SAF1002T5 0, 0603SAF1002T5 0, 0603SAF1002T5 0, 0603SAF1002T5	11	R0603	10k, 10k, 100*, 10k, 10k, 20k, 4.3k, 10k, 10k, 10k, 10k	

AD9288	2 x 8bit 100MSPS ADC converter	U4	TQFP48_N	AD9288	1		
EPM570T144C5N	PQFP-144/TQFP-144	U5	TQFP144_N	QFP-144	1		
KXO-V97 100MHz	Clock Oscillator	U6	KXO-V97	KXO-V97	1		
CY7C1041	SRAM	U7	TSOP-44-II	CY7C1041	1		
CPC1035N	Opto Switch	U8, U12	SOIC-4N	CPC1035N	2		
AD8065		U9, U13	SO8_N	AD8065	2		
74HC4051D	Analog Multiplexer/Demultiplexer	U10, U14	751B-05_N	MC74HC4051A D	2		
AD8129		U11, U15	SO8_N	AD8129	2		
74HC4052		U16	TSSOP16A	74HC4052	1		
LM3658	Li-Ion Battery Charger	U17	WSO10	LM3658	1		
SY8009B	DC-DC Step-Down converter	U18	SOT-23-6	SY8009B	1		
MT3608 (SDB628x)	2A Step Up Converter	U19	1262-01	MT3608	1		
74HC595M	8 Bit Shift Register with Output Latches (3 STATE)	U22, U23	SO16_N	M74HC595M1R	2		
USB MiniB		USB	USB miniB (SMD NNM)	USB MINIB	1		
XTAL_CAP	SMD 10 MHz 0.5%, 0.2%(TC) Build in Load Capacitance 33pF ± 20%	Y1	CSTCE_G	CSTCE10M0G55 Z-R0	1	10MHz	