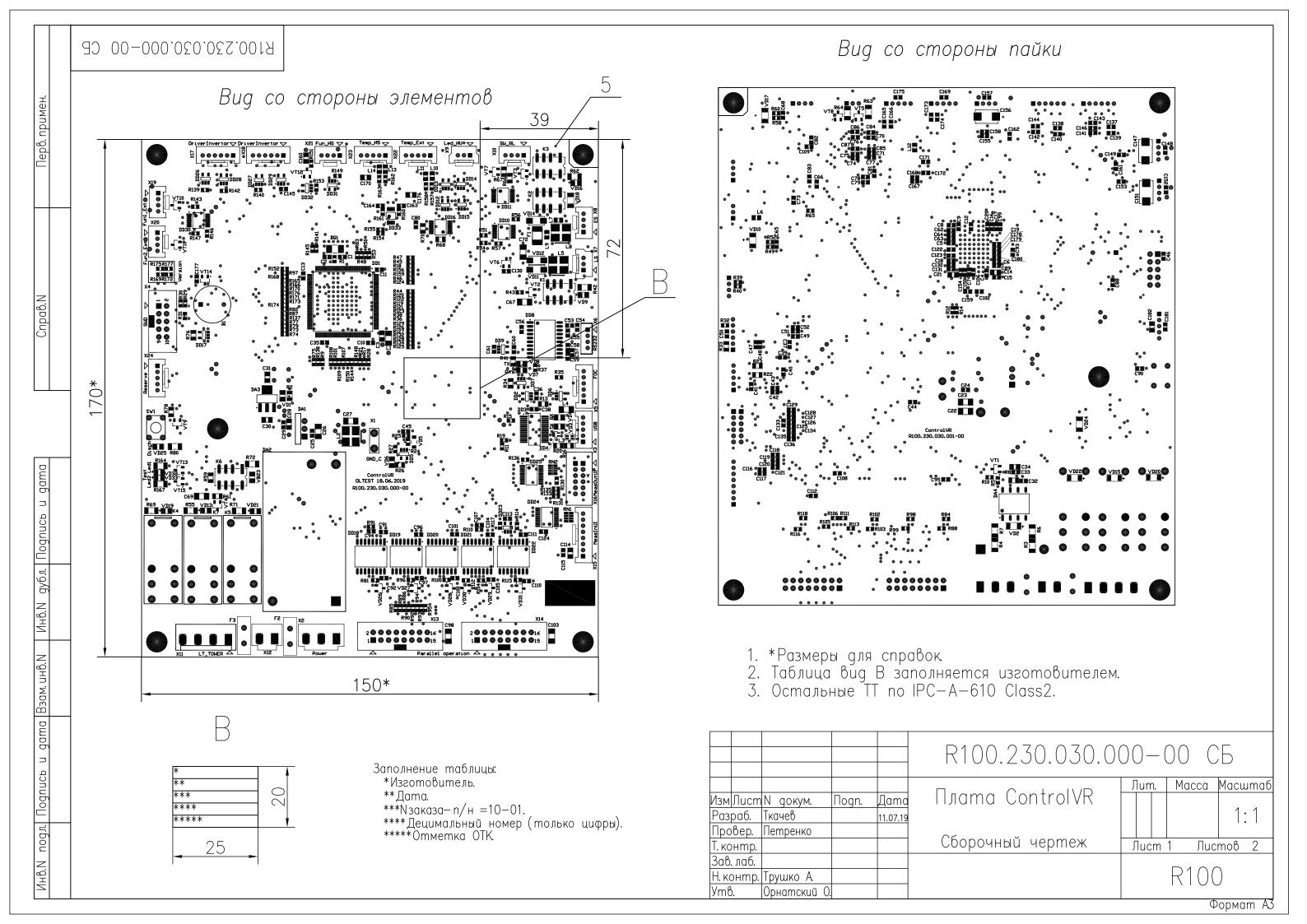
	Формат	Зона	Поз.	Обозначение	Наименование 💆 Примечания
Терв. примен.					<u>Документация</u>
Перв. п	A3 A2			R100.230.030.000-00 C	
				R100.230.030.000-00 П3	принципиальная
				11100.200.000.000 00 110	OO TIEDE IETID ONEMETITIOO
Cnpab.N					<u>Детали</u>
	A3		5	R100.230.030.001-00	Плата печатная 1
gama					
л. Подпись					
Инв. N дубл.					
Взам. инв. N					
n gama					
Подпись	Изм	Ли	cm N	докум. Подп. Дата	00.230.030.000-00 СБ
Инв. И подл.	Раз Про Зав Н. ко	раб Вер . ла онт	5. Ті р. П б. пр. Тр	качев 11.07.19	ma ControlVR Jum. Jucm Jucmob 1 1 1 1 1



Позиционное обозначение	Обозначение ("Part Number" "Производитель" "Описание" "Корпус")			Кол.	Прим.
		<u>Излучатель звука</u>			
B1	KPX-G1205B; Ke LS=7.6	1			
K1, K2, K3, K6	FTR-B4GA012Z;	4			
		<u>Кварцевый резонатор</u>			
BQ1	7A-12.000MAAJ	-T; TXC; 12MHz 30ppm 18pF 3ppm; SMD		1	
C1, C2	GRM1885C1H23	<u>Конденсатор SMD</u> 20JA01; muRata; 22pF 50V 5% NP0; SMD060)3	2	
C1, C2 C3, C34, C114, C160, C170, C176, C182		75M; muRata; 4.7uF 25V 20% X5R; SMD0805		7	
C4, C5, C6, C7, C8, C9, C10, C11, C12, C15, C16, C17, C18, C19, C20, C24, C25, C29, C33, C37, C39, C40, C44, C46, C47, C49, C50, C53, C54, C55, C56, C58, C59, C60, C65, C68, C73, C81, C82, C83, C84, C85, C86, C87, C80, C97, C100, C101, C104, C105, C110, C111, C113, C115, C124, C133, C137, C138, C144, C148, C152, C155, C157, C161, C162, C169, C171, C172, C175, C177, C181	GRM188R71H104K; muRata; 0.1uF 50V 10% X7R; SMD0603				
C13, C38, C80, C90	GRM188R71E10	4			
C14, C21	GRM21BR61H22	2			
C22, C23, C26, C27, C67, C69, C72, C98, C103	GRM31MR61E1	9			
C28, C30, C31	GRM21BR60J10	3			
C32, C149, C153, C158	GRJ188R72A103	4			
C35, C45, C150, C154, C159	GRM1885C1H10	5			
C36, C41, C48, C51, C52, C57, C61, C62, C63, C64, C66, C70, C71, C74, C75, C76, C77, C78, C79, C89, C93, C94, C95, C99, C102, C106, C107, C108, C109, C112, C116, C117, C118, C119, C120, C121, C122, C123, C125, C126, C127, C128, C129, C130, C131, C132, C134, C135, C136, C139, C140, C141, C142, C145, C146, C163, C164, C165, C166, C167, C168, C173, C174, C178, C179, C180	GRM1885C2A101JA01; muRata; 100pF 100V 5% NP0; SMD0603			66	
Изм. Лист № докум. I	Подпись Дата	R100.230.030	0.000-00)	
Разработал Бондарчук С.	дата		Литер.	Лист	Листов
Проверил Бондарчук С.			, arriep.	1	4
Зав. лаб. Бондарчук С.		ControlVR			•
Н. контр. Шимченко А.		Перечень элементов		R100	
Утвердил Орнатский О.					
Файл:	ļ	П	ата создания	7: 26 06 201	10

Позицио обознач			("	Обозначение Part Number" "Производитель" "Описание" "Корпус")	Кол.	Прим	
C42, C43		GRM ²	GRM1885C1H330JA01; muRata; 33pF 50V 5% NP0; SMD0603				
0.12, 0.13		O.L.IVI.	10050111	55537 (61) (manata) 55pt 55 t 578 (m 6) 51(150005	2		
				Конденсатор танталовый			
C147, C151, C15	TAJD:	L07K020	RNJ; AVX; TECAP 100uF 20VDC +-10%; SMD D	3			
, ,				· · ·			
				Преобразователь DC-DC			
DA1		TPSM	84205; 1	exas Instrument; 1.5A 5Vout up to 28 Vin StepDown	1		
DAI		modu	ıle; EAB		1		
				<u>Преобразователь AC-DC</u>			
DA2		IRM-2	20-12; M	ean Well; 20W 12VDC 1.8A PCB;	1		
				<u>Микросхема</u>			
DA3				CY; Texas Instruments; Voltage regulator 3.3V 800mA;	1		
		SOT-2					
DA4				VISHAY; Optocoupler darlingron 5.3kV 100 kbit/s; SMD	1		
DD1			-	STMicroelectronics; MCU 32-bit ARM Cortex-M7 + FPU;	1		
		LQFP:	144				
DD2, DD5, DD12	2, DD23,	SN74	LVC1G00	DBV; Texas Instruments; 2-in NAND; SOT-23-5	6		
DD31, DD32							
DD3				; USB to UART BRIDGE; SSOP28	1		
DD4		553	EUU1DRL	R; Texas Instruments; ESD-protection array 2-ch; SOT-	1		
DDC DD7 DD0	DD12	553					
DD6, DD7, DD9, DD15	DD13,	SN74	LVC1G08	DBV; Texas Instruments; 2-in AND; SOT-23-5	5		
DD13		ΔDM2))))))))	M/7: Analog Dovico: Icolated BS 222 with dc dc: WSO 20	1		
DD10, DD16			ADM3251EARWZ; Analog Device; Isolated RS-232 with dc-dc; WSO-20 74HC00PW; NXP; 4x(2-in NAND); TSSOP-14				
DD10, DD16 DD11				XP; 4x(2-in NAND); TSSOP-14 XP; 4x(2-in AND); TSSOP-14	2		
DD11 DD14				DBV; Texas Instruments; 2-in OR Gate; SOT-23-5	1		
DD14 DD17				JM; Atmel; Serial EEPROM 8Kbit; SOT-23	1		
וטטו					1		
DD18, DD19, DD)20, DD22		ISO1410DW; Texas Instruments; Isolated RS-485/RS-422 half-duplex 5-kVRMS; SO-16				
				exas Instruments; Isolated RS-485/RS-422 full-duplex 5-			
DD21			kVRMS; SO-16				
DD24			-	NXP; 8-in buffer 3-state; TSSOP-20	1		
DD25				NXP; 8-in bus tranceiver 3-state; TSSOP-20	1		
DD26, DD27, DD	028. DD29			D8DBV; Texas Instruments; 2-in AND; SOT-23-5	4		
DD30				XP; 6x(INVERTING SCHMITT TRIGGER); TSSOP-14	1		
			TCA9517DGKR: Texas Instruments: I2C Level-Shifting Bus Repeater:				
DD33		VSSO		, , , , , , , , , , , , , , , , , , , ,	1		
				Предохранитель самовост. SMD			
F1		MF-N	MF-MSMF010; Bourns; 0.1A 60VDC 15R; SMD1812				
				Предохранитель самовост. выводной			
F2, F3		C250-	C250-400; SEA & LAND ELECTRONI; 0.4A 240VAC 1.9R;				
			· · · · · · · · · · · · · · · · · · ·		2		
				<u>Реле</u>			
K1, K2, K3, K6	FTR-B	FTR-B4GA012Z; Fujitsu; 250VAC 1A DPDT 12VDC; SMD					
K4, K5, K7			G2RL-24 DC12; OMRON; 440VAC 8A DPDT 12VDC; PCB				
				<u>Резистор SMD</u>			
CRCW08051M0	CRCW	CRCW08051M00FK; VISHAY; 1M +-1%; SMD0805					
R1, R84, R98, R102, R106,							
R111, R118		LCRCW	/0603619	9RFK; VISHAY; 619R +-1%; SMD0603	7		
		· ·	_				
						Лu	
				R100.230.030.000-00			
Изм. Лист	№ док.	Подп.	Дата			2	
			1	<u>І</u> Дата создания	a. 26 06 201		

.

R.R., R.P., R.R., R.P. R.S., R.H., R.R.S., R.B. R.S., R.H., R.S., R.B. R.S., R.H., R.S., R.B. R.S., R.B., R.S., R.B. R.S., R.B., R.S., R.B. R.S., R.B., R.S., R.B. R.S., R.B., R.S., R.B. R.S., R.S., R.B. R.S., R.S., R.B. R.S., R.S., R.B. R.S., R.S., R.S. R.S., R.S., R.S. R.S., R.S. R.S. R.S., R.S. R.S. R.S. R.S. R.S. R.S. R.S. R.S.	Позиционное обозначение				Обозначение ("Part Number" "Производитель" "Описание" "Корпус")			Пр	оим.
RS, R1I, R12, R14, R15, R17, R19, R10, R15, R11, R12, R14, R15, R15, R17, R19, R30, R81, R88, R91, R96, R90, R100, R103, R104, R105, R116, R112, R113, R115, R116, R112, R113, R115, R116, R112, R113, R115, R116, R117, R146, R133, R116, R117, R146, R133, R116, R117, R146, R133, R169, R177, R88, R20 CRCW080510K0FK, VISHAY, 10K +1%; SMD0805 2 R8, R17, R18, R19, R21, R24, R24, R28, R36, R37, R38, R39, R40, R44, R45, R46, R47, R48, R50, R51, R53, R54, R37, R74, R75, R77, R79, R82, R83, R87, R87, R74, R75, R77, R79, R82, R83, R87, R87, R101, R107, R108, R109, R114, R119, R120, R122, R124, R125, R126, R127, R128, R128, R138, R139, R136, R136, R166, R166, R168, R170, R171, R172, R173, R174, R176, R177, R174, R174, R176, R177, R175, R174, R176, R177, R175, R177, R176, R177, R177, R177, R178, R174, R176, R177, R177, R177, R178, R174, R176, R177, R177				CRCW					
R25, R27, R29, R30, R31, R88, R91, R96, R99, R100, R103, R110, R112, R113, R115, R110, R112, R114, R115, R116, R117, R146, R153, R169, R175 R8, R20 CRCW060310K0FK; VISHAY; 10K +-19; SMD0603 34 CRCW080510K0FK; VISHAY; 10K +-19; SMD0805 2 R8, R27 R8, R28, R39, R36, R37, R37, R37, R38, R39, R37, R37, R79, R82, R38, R39, R40, R41, R36, R51, R51, R513, R514, R313, R3120, R1122, R124, R125, R126, R127, R128, R139, R120, R122, R124, R125, R136, R137, R138, R139, R131, R133, R136, R131, R132, R138, R134, R135, R136, R137, R138, R139, R152, R	, ,								
R8, R20 R9, R17, R18, R19, R21, R9, R17, R18, R19, R21, R3, R36, R37, R38, R39, R40, R44, R45, R46, R47, R48, R50, R51, R53, R54, R73, R74, R75, R77, R79, R82, R83, R87, R87, R10, R107, R108, R109, R114, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R141, R144, R145, R148, R150, R157, R179, R179, R17, R177, R173, R174, R176, R177, R10, R176, R177, R173, R174, R176, R177, R10, R176, R177, R178, R174, R1	R5, R11, R12, R14, R15, R25, R27, R29, R30, R31, R49, R52, R57, R58, R60, R81, R88, R91, R96, R99, R100, R103, R104, R105, R110, R112, R113, R115, R116, R117, R146, R153,								
R9, R17, R18, R19, R21, R24, R35, R36, R37, R38, R39, R40, R44, R45, R46, R47, R48, R50, R51, R53, R54, R73, R74, R75, R77, R79, R82, R83, R84, R75, R77, R79, R82, R83, R84, R75, R77, R79, R82, R83, R84, R120, R120, R120, R120, R131, R132, R132, R134, R135, R136, R137, R138, R141, R144, R145, R150, R152, R156, R157, R158, R159, R152, R156, R157, R158, R159, R157, R158, R151, R158, R155, R160, R161, R158, R158, R158, R159, R151, R154, R155, R150, R161, R158, R158, R159, R151, R154, R155, R150, R161, R158, R158, R150, R161, R158, R158, R159, R151, R158, R159, R151, R158, R159, R151, R158, R159, R151, R158, R158, R159, R151, R158, R158, R159, R151, R158, R159, R151, R158, R158, R159, R161, R158, R158, R159, R151, R158, R159, R161, R158, R158, R159, R161, R158, R158, R159, R151, R158, R159, R151, R158, R158,					CRCW080510K0FK: VISHAY: 10K +-1%: SMD0805				
R10, R32, R43, R56, R65 CRCW06031K00FK; VISHAY; 1K +1%; SMD0603 5 R13 CRCW08054K0FK; VISHAY; 10R +1%; SMD0805 1 R16, R76 CRCW08054K0FK; VISHAY; 4K7 +1%; SMD0805 2 R22, R23, R34, R41 CRCW0805390RFK; VISHAY; 390R +1%; SMD0805 4 R42, R55, R62, R69, R71, R72, R164, R167 CRCW12061K00FK; VISHAY; 390R +1%; SMD1206 8 R59, R61, R66, R67 CRCW08051K00FK; VISHAY; 1K +1%; SMD0805 4 R63, R64, R80 CRCW1206510RFK; VISHAY; 510R +1%; SMD1206 3 R70 CRCW08052200KFK; VISHAY; 200K +1%; SMD0805 1 R78 CRCW08052X00FK; VISHAY; 200K +1%; SMD0805 1 R85, R86, R89, R90, R92, R93, R94, R95 CRCW060300020; VISHAY; 0R; SMD0603 8 R139, R140, R142 CRCW06035K60FK; VISHAY; 5K6 +-1%; SMD0603 3 R139, R140, R142 CRCW06032K20FK; VISHAY; 2K2 +1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K20FK; VISHAY; 2K +-1%; SMD0603 4 R154, R155, R160, R161 CRCW0603EK0FK; VISHAY; 2K +-1%; SMD0603 4 L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L6, L7, L9, L10, L11, L12, SMD20S BLM21	R9, R17, R18, R19, R21, R24, R28, R35, R36, R37, R38, R39, R40, R44, R45, R46, R47, R48, R50, R51, R53, R54, R79, R82, R83, R87, R97, R101, R107, R108, R109, R114, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R141, R144, R145, R148, R150, R152, R156, R157, R158, R159, R162, R163, R165, R166,						78		
R13 CRCW080510R0FK; VISHAY; 10R +-1%; SMD0805 1 R16, R76 CRCW08054K70FK; VISHAY; 4K7 +-1%; SMD0805 2 R22, R23, R34, R41 CRCW0805390RFK; VISHAY; 390R +-1%; SMD0805 4 R42, R55, R62, R69, R71, R72, R164, R167 CRCW12061K00FK; VISHAY; 1K +-1%; SMD1206 8 R59, R61, R66, R67 CRCW1206510RFK; VISHAY; 1K +-1%; SMD1206 3 R70 CRCW08051K00FK; VISHAY; 510R +-1%; SMD1206 3 R70 CRCW0805200KFK; VISHAY; 200K +-1%; SMD0805 1 R78 CRCW08052X00FK; VISHAY; 20K +-1%; SMD0805 1 R85, R86, R89, R90, R92, R93, R94, R95 CRCW060302000Z0; VISHAY; 0R; SMD0603 8 R139, R140, R142 CRCW06035X60FK; VISHAY; 5K6 +-1%; SMD0603 3 R143, R147, R149, R151 CRCW06032X20FK; VISHAY; 2K2 +-1%; SMD0603 4 R154, R155, R160, R161 CRCW06032X20FK; VISHAY; 2K +-1%; SMD0603 4 L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370ma; SMD0805 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 8 <				CRCW	06031K0	00FK; VISHAY; 1K +-1%; SMD0603	5		
R22, R23, R34, R41	R13		· · · · · · · · · · · · · · · · · · ·				1		
R42, R55, R62, R69, R71, R72, R164, R167 R59, R61, R66, R67 R59, R61, R66, R67 R63, R64, R80 CRCW08051K00FK; VISHAY; 1K +1%; SMD0805 R70 CRCW08052C00KFK; VISHAY; 21K +1%; SMD0805 1 R78 CRCW08052K00FK; VISHAY; 200K +1%; SMD0805 1 R78 CRCW08052K00FK; VISHAY; 200K +1%; SMD0805 1 R78 R85, R86, R89, R90, R92, R93, R94, R95 CRCW0603000020; VISHAY; 0R; SMD0603 R139, R140, R142 CRCW06035K60FK; VISHAY; 2K +1%; SMD0603 R143, R147, R149, R151 CRCW06032K20FK; VISHAY; 2K +1%; SMD0603 R143, R147, R149, R151 CRCW06032K00FK; VISHAY; 2K +1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +1%; SMD0603 4 L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 T44231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 L6, L7, L9, L10, L11, L12, BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD DLW5BSM302SQ2; muRata; 350R (100MHz) 0.5A 0.3R common 2 mode; SMD R100. 230.030.000-00 R100. R10	R16, R	76		CRCW	08054K7	70FK; VISHAY; 4K7 +-1%; SMD0805	2		
R72, R164, R167 R59, R61, R66, R67 CRCW206051K00FK; VISHAY; 1K +1%; SMD0805 4 R63, R64, R80 CRCW1206510RFK; VISHAY; 1K +1%; SMD1206 3 R70 CRCW305200KFK; VISHAY; 200K +1%; SMD1206 R70 CRCW305200KFK; VISHAY; 200K +1%; SMD0805 1 R85, R86, R89, R90, R92, R93, R94, R95 CRCW06030000Z0; VISHAY; 0R; SMD0603 8 R139, R140, R142 CRCW06035K60FK; VISHAY; 5K6 +1%; SMD0603 3 R143, R147, R149, R151 CRCW06032K20FK; VISHAY; 2K2 +1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K2 +1%; SMD0603 4 L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 T44231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 L1, L1, L1, L11, L12, BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD L5, L8 DLW5BSM302SQ2; muRata; 350R (100MHz) 0.5A 0.3R common 2 mode; SMD R100. 230.030.000-00 R100. 34 R100. 230.030.000-00 R100. 34 R100. 230.030.000-00	R22, R	23, R34,	, R41	CRCW	0805390	DRFK; VISHAY; 390R +-1%; SMD0805	4		
R63, R64, R80 CRCW1206510RFK; VISHAY; 510R +-1%; SMD1206 3 R70 CRCW0805200KFK; VISHAY; 200K +-1%; SMD0805 1 R78 CRCW08052K00FK; VISHAY; 2K +-1%; SMD0805 1 R85, R86, R89, R90, R92, R93, R94, R95 CRCW0603000020; VISHAY; 0R; SMD0603 8 R139, R140, R142 CRCW06035K60FK; VISHAY; 5K6 +-1%; SMD0603 3 R143, R147, R149, R151 CRCW06032K20FK; VISHAY; 2K2 +-1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +-1%; SMD0603 4 L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLWSBSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLWSBSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 M3m. Лист Ne док. Подп. Дата R100.230.030.000-00 3				CRCW	CRCW12061K00FK; VISHAY; 1K +-1%; SMD1206				
R70	R59, R	61, R66,	, R67	CRCW	08051K0	4			
R78	R63, R	64, R80		CRCW	1206510	3			
R85, R86, R89, R90, R92, R93, R94, R95 R139, R140, R142 CRCW06035K60FK; VISHAY; 5K6 +-1%; SMD0603 R143, R147, R149, R151 CRCW06032K20FK; VISHAY; 2K2 +-1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +-1%; SMD0603 4 L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common 2 M3M. Лист Ne док. Подп. Дата R100.230.030.000-00	R70			CRCW	0805200	1			
R93, R94, R95 R139, R140, R142 CRCW06035K60FK; VISHAY; 5K6 +-1%; SMD0603 R143, R147, R149, R151 CRCW06032K20FK; VISHAY; 2K2 +-1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +-1%; SMD0603 4 L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 L6, L7, L9, L10, L11, L12, BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L5, L8 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD L5, L8 DLW5BSM302SQ2; muRata; 350R (100MHz) 0.5A 0.3R common mode; SMD R100.230.030.000-00 A3 R100.230.030.000-00 A3 R100.230.030.000-00	R78			CRCW	/08052K0	1			
R143, R147, R149, R151 CRCW06032K20FK; VISHAY; 2K2 +-1%; SMD0603 4 R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +-1%; SMD0603 4 Фшльтр L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Изм. Лист № док. Подп. Дата R100.230.030.000-00 3				CRCW	CRCW06030000Z0; VISHAY; 0R; SMD0603				
R154, R155, R160, R161 CRCW06032K00FK; VISHAY; 2K +-1%; SMD0603 4 Фильтр L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Изм. Лист № док. Подп. Дата R100.230.030.000-00 3	R139,	R140, R	142	CRCW	06035K6	3			
Фильтр L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Изм. Лист № док. Подп. Дата R100.230.030.000-00 3	R143,	R147, R	149, R151	CRCW	0603 <mark>2K</mark> 2	4			
L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Изм. Лист № док. Подп. Дата R100.230.030.000-00 3	R154,	R155, R	160, R161	CRCW	06032K0	4			
L1, L4 BLM31PG601SN1; muRata; 600R 1.5A (100MHz); SMD1206 2 L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Изм. Лист № док. Подп. Дата R100.230.030.000-00 3									
L3 744231091; Wurth Elektronik; WE-CNSW common line mod filter 90R 370mA; SMD0805 1 L6, L7, L9, L10, L11, L12, L13, L14 BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805 8 L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Изм. Лист № док. Подп. Дата R100.230.030.000-00 3									
1 370mA; SMD0805 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L1, L4					2			
L13, L14 BLMZIAGIOZSNI; muRata; 1000R 0.6A (100MHZ); SMD0805 8 Дроссель SMD L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Изм. Лист № док. Подп. Дата R100.230.030.000-00 3						1			
L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Лист R100.230.030.000-00 Лист Изм. Лист № док. Подп. Дата Подп. Дата					BLM21AG102SN1; muRata; 1000R 0.6A (100MHz); SMD0805				
L2 DLW5BSM351SQ2; muRata; 350R (100MHz) 2A 0.04R common mode; SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Лист R100.230.030.000-00 Лист Изм. Лист № док. Подп. Дата Подп. Дата									
LZ SMD 1 L5, L8 DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD 2 Лист	<u> </u>				DC1 45 = :				
	L2	L2			SMD				
N3M. Лист № док. Подп. Дата R100.230.030.000-00	L5, L8	L5, L8				SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common	2		
Изм. Лист № док. Подп. Дата									Лист
Изм. Лист № док. Подп. Дата						R100.230.030 000-00		ŀ	
	Изм.	Лист	№ док.	Подп.	Дата				3
		**	<u> </u>	<u> </u>	1,,	<u>.</u> Дата создани:	я: 26.06.20	19	<u> </u>

Позиционное обозначение	Обозначение ("Part Number" "Производитель" "Описание" "Корпус")	Кол.	Прим.
ooosiia iciinic	(Tale trained inposessage of the comment in the co		
	Резисторная сборка SMD		
RN1, RN2	CRA06S083100RF; VISHAY; 4x100R +-1%; SMD	2	
	<u>Кнопка</u>		
SW1	B3F-1025; OMRON; 6x6mm h=5m black;	1	
	6 2 2000		
VD1 VD2 VD4 VD7 VD9	<u>Светодиод SMD</u>		
VD1, VD3, VD4, VD7, VD8, VD9, VD13, VD16, VD19, VD21, VD23, VD33	LL-S172GC-2A; Lucky Light; Зеленый 570нм 2x1.25мм; SMD0805	12	
VD6, VD25, VD32	LL-S172SC-2S; Lucky Light; Красный 640нм 2x1.25мм; SMD0805	3	
\\D2\\D4C\\Z45\\Z45\\Z45\\Z45\\Z45\\Z45\\Z45\\Z	<u>Диод SMD</u>		
VD2, VD10, VD15, VD17, VD18, VD20, VD22, VD24	PMLL4148L; NXP; Vr=75V If=0.2A; SOD80C	8	
	Диод шоттки SMD		
VD5	MBR0540T; ON Semiconductor; Vr=40V If=0.5A; SOD-123	1	
	<u>Диод TVS SMD</u>		
VD11, VD12, VD14	SMAJ12CA; Littelfuse; 400W Vr=12V; DO-214CA(SMA)	3	
VD26, VD27, VD28, VD29, VD30, VD31	PSM712; ProTek Devices; 600W Vr=12V Vr=7V; SOT-23	6	
	Транзистор SMD		
VT1	PDTA114ET; NXP; PNP Vce=-50V lc=0.1A 10k; SOT-23	1	
VT2, VT3, VT5, VT6, VT8, VT9, VT10, VT11, VT12, VT13, VT14, VT15	PDTC114ET; NXP; NPN Vce=50V lc=0.1A 10k; SOT-23	12	
VT4, VT7	BC817; NXP; NPN Vce=-45V Ic=0.5A; SOT-23	2	
	<u>Вилка</u>		
X1	63849-1; TE Connectivity; Ножевая Латунь Луженая 6.3x0.8 PCB hole;	1	
X2	В03P-NV; JST; NV 3 конт LS=5.0 10A 250V PCB;	1	
X3, X22, X23, X24	35362-0550; Molex; Sherlock 5 конт LS=2 2A 125V PCB;	4	
X4 VE V17 V10	09185106904; Harting; IDC 10P LS=2.54 2A 250VAC PCB long levers;	2	
X5, X17, X18 X6	35362-0650; Molex; Sherlock 6 конт LS=2 2A 125V PCB; 53253-0470; Molex; Micro-Latch 4 конт LS=2 2A 125V PCB;	3	
X7, X9	35362-0350; Molex; Sherlock 3 конт LS=2 2A 125V PCB;	2	
X8, X10, X19, X20, X21	35362-0450; Molex; Sherlock 3 конт LS=2 2A 125V PCB; 35362-0450; Molex; Sherlock 4 конт LS=2 2A 125V PCB;	5	
X11	В04P-NV; JST; NV 4 конт LS=5.0 10A 250V PCB;	1	
X12	В02P-NV; JST; NV 2 конт LS=5.0 10A 250V PCB;	1	
X13, X14	09185166324; Harting; IDC 16P LS=2.54 2A 250VAC PCB (BH-16);	2	
X15, X14	35362-0850; Molex; Sherlock 8 конт LS=2 2A 125V PCB;	1	
X16	53313-1265; Molex; Mi II 12 конт (6конт x 2) LS=2 2A 125V PCB;	1	
,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	55515 1255) MOICK, MI II 12 NOM (ONOM X2) 15-2 2M 1254 TCB,	-	

Изм.	Лист	№ док.	Подп.	Дата

Файл:

R100.230.030.000-00

Лист 4