		Поз.							
		озна- іение				Наименование	Кол.	Примечание	
<i>'</i> -									
Перв. примен.			<u> Устройства</u>						
ерв. г	A1 NHD-1.69-160128G New!				aven Dis	splay	1	1.69" OLED	
П		A2	Клавиатура	5042 ТЕИЯ	1				
		AC1	Каδель 01513	320401 Mole	ex.		1	4 Wire 24AWG	
			<u>Конденсатор</u>	<u>ы</u>					
ō√		C1,C2	GCM1555C1H10	01JA16D Mul	rata Ele	ectronics	2	0402 100p 50V	
Справ.		С3	GJM1555C1H4	70GB01D Mi	ırata El	ectronics	1	0402 47p 50V	
Ü		C4,C5	GCM1555C1H10	01JA16D Mul	rata Ele	ectronics	2	0402 100p 50V	
		<i>C6</i>	GJM1555C1H4	70GB01D Mu	ırata El	ectronics	1	0402 47p 50V	
		C7,C8	GCM1555C1H10	01JA16D Mul	rata Ele	ectronics	2	0402 100p 50V	
		С9	GJM1555C1H4	70GB01D Мі	ırata El	ectronics	1	0402 47p 50V	
		C10	GCM1555C1H10	01JA16D Mu	rata Ele	ectronics	1	0402 100p 50V	
	C		GRM1555C1H10	02JA01J Mu	rata Ele	ectronics	2	0402 1n 50V	
а	C13		TPSA226K000	SR0300 AV.	X		1	1206 22uF 6V3	
и дата		<i>C14</i>	GRM155R71E10	04KE14J Mu	rata Ele	ectronics	1	0402 0.1uF 25V	
Подп.		C15	GCM188R71E10	05KA64D M	urata El	lectronics	1	0603 1u 25V	
	C		C2012X5R1C10	16M085AC	DK		2	0805 10uF 16V	
. 9 <i>л</i> .	C	18,C19	GRM155R71E10	04KE14J Mu	rata Ele	ectronics	2	0402 0.1uF 25V	
№ дубл.		С20	TPSA226K006	5R0300 AV.	X		1	1206 22uF 6V3	
Инв.		C21	GRM155R71E10	04KE14J Mu	rata Ele	ectronics	1	0402 0.1uF 25V	
ōΛ		С22	GRM1555C1H10	02JA01J Mu	rata Ele	ectronics	1	0402 1n 50V	
Взам. инв.		С23	GRM21BZ71E4	75KE15L M	ırata El	lectronics	1	0805 4.7uF 25V	
Взам		<i>C24</i>	GRM155R71E10	04KE14J Mu	rata Ele	ectronics	1	0402 0.1uF 25V	
		С25	TPSA226K000	6R0300 AV.	X		1	1206 22uF 6V3	
и дата									
Подп. и	1				1				
По						РИСП. 7М0 71	10.	016 ПЭЗ	
7.	Изм. Разр	Лист аб.	№ докум. Карманов	Подп.	Дата	1 o D = D = 3 3	T	Лит. Лист Листо	β
₽ подл.	Пров		Савостин			LoRa Радиомодем	F	1 12	
Инв. №	Нач. Н.кон		Савостин			Перечень элементов		СКУ	
1	Утв.		Савостина						

чение	Наименование	Кол.	Примечание
С26	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C27	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
С28	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
С29	GRM21BR61C226ME44L Murata Electronics	1	0805 22uF 16V
C30	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C31	GRM21BR61C226ME44L Murata Electronics	1	0805 22uF 16V
C32,C33	GRM155R71E104KE14J Murata Electronics	2	0402 0.1uF 25V
<i>C</i> 34	T491A475K025AT KEMET	1	1206 4.7¼F 25V
<i>C35</i>	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
С36	T491A475K025AT KEMET	1	1206 4.7¼F 25V
<i>C</i> 37	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C38	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
<i>C39</i>	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C40	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
C41	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C42-C44	GCM155R71E223KA55D Murata Electronics	3	0402 22n 25V
C45	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C46	GRM21BR61C226ME44L Murata Electronics	1	0805 22uF 16V
C47	GCM188R71E474KA64D Murata Electronics	1	0603 470n 25V
C48	GRM21BR61C226ME44L Murata Electronics	1	0805 22uF 16V
C49,C50	GCM188R71E105KA64D Murata Electronics	2	0603 1u 25V
<i>C51-C54</i>	GRM155R71E104KE14J Murata Electronics	4	0402 0.1uF 25V
<i>C55</i>	GRM21BR61C226ME44L Murata Electronics	1	0805 22uF 16V
С56	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
<i>C</i> 57	GRM21BR61C226ME44L Murata Electronics	1	0805 22uF 16V
C58,C59	GJM1555C1H4R3CB01D Murata Electronics	2	0402 4.3p 50V
C60-C70	GRM155R71E104KE14J Murata Electronics	11	0402 0.1uF 25V
C71	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
C72,C73	GRM155R71E104KE14J Murata Electronics	2	0402 0.1uF 25V
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Инв. Nº дубл.

Взам. инв. №

Подп. и дата

Поз. обозна– чение	Наименование	Кол.	Примечание
<i>C74</i>	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
C75	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C76	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
<i>C77</i>	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C78,C79	GRM21BZ71E475KE15L Murata Electronics	2	0805 4.7uF 25V
С80	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C81	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C82	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
C83	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C84	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
C85	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
С86	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
<i>C</i> 87	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C88	GQM1875C2E1R5BB12D Murata Electronics	1	0603 140.1pF NP0
C89	GQM1875C2E5R1BB12D Murata Electronics	1	0603 140.1pF NP0
<i>C90</i>	GQM1875C2E6R8BB12D Murata Electronics	1	0603 140.1pF NP0
C91	GQM1875C2E1R0BB12D Murata Electronics	1	0603 140.1pF NP0
С92	GQM1875C2ER75BB12D Murata Electronics	1	0603 140.1pF NP0
С93	GQM1875C2E100FB12D Murata Electronics	1	0603 1/41% NP0
<i>C94</i>	GQM1875C2E2R7BB12D Murata Electronics	1	0603 ¼0.1pF NP0
<i>C95</i>	GQM1875C2E100FB12D Murata Electronics	1	0603 1/41% NP0
С96	GQM1875C2E180FB12D Murata Electronics	1	0603 1/41% NP0
<i>C97</i>	GQM1875C2E1R0BB12D Murata Electronics	1	0603 ¼0.1pF NP0
С98	GQM1875C2ER75BB12D Murata Electronics	1	0603 ¼0.1pF NP0
<i>C99</i>	GQM1875C2E100FB12D Murata Electronics	1	0603 ¼1% NP0
C100	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C101	GQM1875C2E1R5BB12D Murata Electronics	1	0603 140.1pF NP0
C102	GQM1875C2E5R1BB12D Murata Electronics	1	0603 140.1pF NP0
C103	GQM1875C2E6R8BB12D Murata Electronics	1	0603 ¼0.1pF NP0
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Инв. Nº дубл.

Взам. инв. №

Подп. и дата

обозна– чение	Наименование	Кол.	Примечание
C104	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C105	C2012X5R1C106M085AC TDK	1	0805 10uF 16V
C106	C08BL242X-5UN-X0T Knowles Novacap	1	0805 2400pF 50V
C107	GQM1875C2E5R1BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C108	GQM1875C2E150FB12D Murata Electronics	1	0603 ¼1% NP0
C109	GQM1875C2E390FB12D Murata Electronics	1	0603 ¼1% NP0
C110	06031C103JAT2A AVX	1	0603 0.01uF 100V
C111	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C112	GQM1875C2E1R5BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C113	GQM1875C2E3R0BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C114	GQM1875C2E100FB12D Murata Electronics	1	0603 ¼1% NP0
C115	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C116	GQM1875C2E5R1BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C117	GQM1875C2E150FB12D Murata Electronics	1	0603 ¼1% NP0
C118	GQM1875C2E390FB12D Murata Electronics	1	0603 ¼1% NP0
C119	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
C120	C08BL242X-5UN-X0T Knowles Novacap	1	0805 2400pF 50V
C121,C122	GRM1555CYA103JE01D Murata Electronics	2	0402 0.01u 35V
C123	GQM1875C2E1R5BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C124	GQM1875C2E5R1BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C125	GQM1875C2E6R8BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C126	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C127	GQM1875C2E1R0BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C128	GQM1875C2ER75BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C129	GQM1875C2E100FB12D Murata Electronics	1	0603 ¼1% NP0
C130	GQM1875C2E2R7BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C131	GQM1875C2E100FB12D Murata Electronics	1	0603 ¼1% NP0
C132	GQM1875C2E180FB12D Murata Electronics	1	0603 ¼1% NP0
C133	GQM1875C2E1R0BB12D Murata Electronics	1	0603 ¼0.1pF NP0
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Взам. инв. № Инв. № дубл.

Подп. и дата

Поз. обозна– чение	Наименование	Кол.	Примечание
C134	GQM1875C2ER75BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C135	GQM1875C2E100FB12D Murata Electronics	1	0603 ¼1% NP0
C136	GQM1875C2E1R5BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C137	GQM1875C2E5R1BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C138	GQM1875C2E6R8BB12D Murata Electronics	1	0603 ¼0.1pF NP0
C139	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C140	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
C141	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C142	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
C143	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C144	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
C145,C146	GRM1555CYA103JE01D Murata Electronics	2	0402 0.01u 35V
C14 7	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C148	TPSA226K006R0300 AVX	1	1206 22uF 6V3
C149-C151	GRM155R71E104KE14J Murata Electronics	3	0402 0.1uF 25V
C152	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C153,C154	GRM155R71E104KE14J Murata Electronics	2	0402 0.1uF 25V
C155	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C156	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C157	C08BL242X-5UN-X0T Knowles Novacap	1	0805 2400pF 50V
C158	GRM1555CYA103JE01D Murata Electronics	1	0402 0.01u 35V
C159	GJM1555C1H470GB01D Murata Electronics	1	0402 47p 50V
C160-C164	GRM1555CYA103JE01D Murata Electronics	5	0402 0.01u 35V
C165	GCM1555C1H101JA16D Murata Electronics	1	0402 100p 50V
C166	GRM1555C1H102JA01J Murata Electronics	1	0402 1n 50V
C167	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C168	TPSA226K006R0300 AVX	1	1206 22uF 6V3
C169-C174	GRM155R71E104KE14J Murata Electronics	6	0402 0.1uF 25V
C175	TPSA226K006R0300 AVX	1	1206 22uF 6V3
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Подп. и дата

оδозна- чение	Наименование	Кол.	Примечание
C176	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C177	GRM21BZ71E475KE15L Murata Electronics	1	0805 4.7uF 25V
C178,C179	GRM1555CYA103JE01D Murata Electronics	2	0402 0.01u 35V
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C180,C181	GJM1555C1H180JB01D Murata Electronics	2	0402 18р 50V
C182	GRM155R71E104KE14J Murata Electronics	1	0402 0.1uF 25V
C183,C184	GCM155R71E682KA37D Murata Electronics	2	0402 6.8n 25V
C185	GJM1555C1H1R0BB01D Murata Electronics	1	0402 1p 50V
C186	GCM155R71E223KA55D Murata Electronics	1	0402 22n 25V
DA1	Микросхема NPA1003QA MACOM	1	16dB 5W
	<u>Дроссели ферритовые</u>		
FB1,FB2	BLM18SP300SN1D Murata Electronics	2	0603 30R @100MHz
FB3	BLM18SP300SN1D Murata Electronics	1	0603 30R @100MHz
FB4	MMZ1005Y400CTD25 TDK	1	0402 40R @100MHz
FB5	BLM18SP300SN1D Murata Electronics	1	0603 30R @100MHz
FB6	MMZ1005Y400CTD25 TDK	1	0402 40R @100MHz
FB7,FB8	BLM18SP300SN1D Murata Electronics	2	0603 30R @100MHz
FB9-FB13	MMZ1005Y400CTD25 TDK	5	0402 40R @100MHz
FB14	BLM18SP300SN1D Murata Electronics	1	0603 30R @100MHz
FB15	MMZ1005Y400CTD25 TDK	1	0402 40R @100MHz
FB16,FB17	BLM18SP300SN1D Murata Electronics	2	0603 30R @100MHz
FB18	MMZ1005Y400CTD25 TDK	1	0402 40R @100MHz
FB19-FB24	BLM18SP300SN1D Murata Electronics	6	0603 30R @100MHz
GB1,GB2	Батарея LP-1850-103450UN ROBITON	2	Li-pol 1850mAч
	<u>Микросхемы</u>		
IC1	MPQ28164GD-Z Monolithic Power Systems (MPS)	1	1.55 V
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Взам. инв. №

Подп. и дата

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IC2,IC3	MP3213DQ-LF-Z Monolithic Power Systems (MPS)	2	322V
IC4	MP1400GC-Z Monolithic Power Systems (MPS)	1	-0.96V
IC5	MAX17055EWL+ Maxim Integrated	1	
IC6	MP2617HGL-P Monolithic Power Systems (MPS)	1	
IC7	STM32L4S9All6 STMicroelectronics	1	
IC8	TS7323KMTRPBF Tagore Technology	1	SPDT
IC9,IC10	TS7242FKMTRPBF Tagore Technology	2	SP4T
IC11	TS7323KMTRPBF Tagore Technology	1	SPDT
IC12,IC13	TS7242FKMTRPBF Tagore Technology	2	SP4T
IC14	SX1276IMLTRT SEMTECH	1	LoRa RF
IC15	W5500 Wiznet Technology	1	
	<u>Катушки индуктивности</u>		
L1	74479299210 Wĉrth Elektronik	1	1uH 3A 46m0hm
L2,L3	CBC3225T4R7MR Taiyo Yuden	2	4.7uH 1A 130mOhm
L4	74479299210 Wĉrth Elektronik	1	1uH 3A 46m0hm
L5	LQG15HN10NJ02D Murata Electronics	1	10nH 500mA 0.290hn
L6	74438356022 Wîrth Elektronik	1	2.2uH 4.7A 35mOhm
L7-L10	LQG15HNR10J02D Murata Electronics	4	100nH 200mA 1.60hn
L11	LQW18AN6N2G8ZD Murata Electronics	1	0603 2%
L 12	LQW18AN15NG8ZD Murata Electronics	1	0603 2%
L13	LQW18AN33NG8ZD Murata Electronics	1	0603 2%
L 14	LQW18AN6N2G8ZD Murata Electronics	1	0603 2%
L 15	LQW18AN15NG8ZD Murata Electronics	1	0603 2%
L 16	LQW18AN33NG8ZD Murata Electronics	1	0603 2%
L17-L19	LQG15HNR10J02D Murata Electronics	3	100nH 200mA 1.60hn
L20	LQW18AN5N6G8ZD Murata Electronics	1	0603 2%
L21	LQW18AN8N2G8ZD Murata Electronics	1	0603 2%
L22	LQW18AN27NG8ZD Murata Electronics	1	0603 2%
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Подп. и дата

L24 L25 L26 L27 L28 L29 L30	1008AF-901XJLC Coilcraft  LQW18AN18NG8ZD Murata Electronics  LQW18AN39NG8ZD Murata Electronics  LQW18ANR11G8ZD Murata Electronics  LQW18ANSN6G8ZD Murata Electronics  LQW18AN8N2G8ZD Murata Electronics  LQW18AN8N2G8ZD Murata Electronics  1008AF-901XJLC Coilcraft	1 1 1 1 1 1	0.9uH 1.3A 100mOhm  0603 2%  0603 2%  0603 2%  0603 2%  0603 2%
L24 L25 L26 L27 L28 L29 L30	LQW18AN18NG8ZD Murata Electronics  LQW18AN39NG8ZD Murata Electronics  LQW18ANR11G8ZD Murata Electronics  LQW18AN5N6G8ZD Murata Electronics  LQW18AN8N2G8ZD Murata Electronics  LQW18AN27NG8ZD Murata Electronics	1 1 1 1	0603 2% 0603 2% 0603 2% 0603 2%
L25 L26 L27 L28 L29	LQW18AN39NG8ZD Murata Electronics  LQW18ANR11G8ZD Murata Electronics  LQW18AN5N6G8ZD Murata Electronics  LQW18AN8N2G8ZD Murata Electronics  LQW18AN27NG8ZD Murata Electronics	1 1 1	0603 2% 0603 2% 0603 2%
L26 L27 L28 L29	LQW18ANR11G8ZD Murata Electronics  LQW18AN5N6G8ZD Murata Electronics  LQW18AN8N2G8ZD Murata Electronics  LQW18AN27NG8ZD Murata Electronics	1 1 1	0603 2% 0603 2%
L27 L28 L29 L30	LQW18AN5N6G8ZD Murata Electronics  LQW18AN8N2G8ZD Murata Electronics  LQW18AN27NG8ZD Murata Electronics	1	0603 2%
L28 L29 L30	LQW18AN8N2G8ZD Murata Electronics  LQW18AN27NG8ZD Murata Electronics	1	
L29 L30	LQW18AN27NG8ZD Murata Electronics		0603 2%
L30		1	
	1008AF-901XJLC Coilcraft		0603 2%
L31-L33	· · · · · · · · · · · · · · · · · · ·	1	0.9uH 1.3A 100mOhm
	LQG15HNR10J02D Murata Electronics	3	100nH 200mA 1.60hm
L34	LQW18AN6N2G8ZD Murata Electronics	1	0603 2%
L35	LQW18AN15NG8ZD Murata Electronics	1	0603 2%
L36	LQW18AN33NG8ZD Murata Electronics	1	0603 2%
L37	LQG15HNR10J02D Murata Electronics	1	100nH 200mA 1.60hm
L38	LQW18AN6N2G8ZD Murata Electronics	1	0603 2%
L39	LQW18AN15NG8ZD Murata Electronics	1	0603 2%
L40	LQW18AN33NG8ZD Murata Electronics	1	0603 2%
L41-L45	LQG15HNR10J02D Murata Electronics	5	100nH 200mA 1.60hm
L46	LQW18AN33NJ8ZD Murata Electronics	1	33nH 1.1A 110mOhm
L47	LQW18ANR10J8ZD Murata Electronics	1	100nH 0.19A 0.630hm
	<u>Резисторы</u>		
R1	RC0402FR-071K5L YAGEO	1	0402 1%
R2,R3	RC0402FR-0722RL YAGEO	2	0402 1%
·	RC0402FR-07100RL YAGEO	8	0402 1%
	RC0402FR-07100RL YAGEO	1	0402 1%
	RC0402FR-0747KL YAGEO	1	0402 1%
	RC0402FR-074K7L YAGEO	1	0402 1%
	RC0402FR-07100KL YAGEO	1	0402 1%
	RC0402FR-07560KL YAGEO	1	0402 1%
			V-TVL 1/0
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Взам. инв. №

Подп. и дата

Поз. обозна- чение	Наименование	Кол.	Примечание
R17	RC0402FR-07100KL YAGEO	1	0402 1%
R18	RC0402FR-07100RL YAGEO	1	0402 1%
R19	RC0402FR-0747KL YAGEO	1	0402 1%
R20	RC0402FR-0715KL YAGEO	1	0402 1%
R21	RC0402FR-07102KL YAGEO	1	0402 1%
R22	RC0402FR-0710KL YAGEO	1	0402 1%
R23	RC0402FR-07100RL YAGEO	1	0402 1%
R24	RC0402FR-0747KL YAGEO	1	0402 1%
R25	RC0402FR-0715KL YAGEO	1	0402 1%
R26	RC0402FR-0775KL YAGEO	1	0402 1%
R27	RC0402FR-0710KL YAGEO	1	0402 1%
R28	RC0402FR-07100RL YAGEO	1	0402 1%
R29	RC0402FR-0747KL YAGEO	1	0402 1%
R30	RC0402FR-0724K9L YAGEO	1	0402 1%
R31	RC0402FR-07105KL YAGEO	1	0402 1%
R32-R34	RC0402FR-0710KL YAGEO	3	0402 1%
R35	EXB-N8V101JX Panasonic	1	0804 5%
R36-R38	RC0402FR-07100RL YAGEO	3	0402 1%
R39	RC0402FR-0768KL YAGEO	1	0402 1%
R40	RC0402FR-075K1L YAGEO	1	0402 1%
R41-R43	RC0402FR-07100RL YAGEO	3	0402 1%
R44	RC0402FR-074K7L YAGEO	1	0402 1%
R45-R47	EXB-N8V101JX Panasonic	3	0804 5%
R48	RC0402FR-0751RL YAGEO	1	0402 1%
R49	RC0402FR-07100RL YAGEO	1	0402 1%
R50	RC0402FR-070RL YAGEO	1	0402 1%
R51	RC0402FR-0721KL YAGEO	1	0402 1%
R52	RC0402FR-0710KL YAGEO	1	0402 1%
R53	NCP15XH103D03RC Murata Electronics	1	0402 NTC
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Инв. Nº дубл.

Взам. инв. №

Подп. и дата

обозна- чение	Наименование	Кол.	Примечание
R54	RC0402FR-077K15L YAGEO	1	0402 1%
R55	RC0402FR-0727K4L YAGEO	1	0402 1%
R56	NCP15XH103D03RC Murata Electronics	1	0402 NTC
R57	LVT04R0050FER Ohmite	1	0402 1%
R58-R61	RC0402FR-0710KL YAGEO	4	0402 1%
R62-R66	RC0402FR-07100RL YAGEO	5	0402 1%
R67,R68	RC0402FR-0710KL YAGEO	2	0402 1%
R69	RC0402FR-0726K7L YAGEO	1	0402 1%
R70	RC0402FR-0715K4L YAGEO	1	0402 1%
R71-R73	RC0402FR-074K7L YAGEO	3	0402 1%
R74-R76	RC0402FR-07100RL YAGEO	3	0402 1%
R77	RC0402FR-071K8L YAGEO	1	0402 1%
R78,R79	RC0402FR-0710KL YAGEO	2	0402 1%
R80	RC0402FR-071KL YAGEO	1	0402 1%
R81	RC0402FR-07470KL YAGEO	1	0402 1%
R82,R83	RC0402FR-07100RL YAGEO	2	0402 1%
R84	RC0402FR-0712KL YAGEO	1	0402 1%
R85	RC0402FR-0710KL YAGEO	1	0402 1%
R86	ERJ-6ENF49R9V Panasonic	1	
R87-R94	RC0402FR-07100RL YAGEO	8	0402 1%
R95-R97	EXB-N8V101JX Panasonic	3	0804 5%
R98-R100	RC0402FR-070RL YAGEO	3	0402 1%
R101	RC0402FR-0710ML YAGEO	1	0402 1%
R102	RC0402FR-0712K4L YAGEO	1	0402 1%
R103	RC0402FR-071ML YAGEO	1	0402 1%
R104	RC0402FR-070RL YAGEO	1	0402 1%
R105-R108	RC0402FR-07100KL YAGEO	4	0402 1%
R109-R111	RC0402FR-070RL YAGEO	3	0402 1%
R112,R113	RC0402FR-0710KL YAGEO	2	0402 1%
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Взам. инв. № Инв. № дубл.

Подп. и дата

обозна- чение	Наименование	Кол.	Примечание
D444			222/ 52/
R114	EXB-N8V103JX Panasonic	1	0804 5%
R115,R116	RC0402FR-07100RL YAGEO	2	0402 1%
R117	EXB-N8V101JX Panasonic	1	0804 5%
R118,R119	RC0402FR-0749R9L YAGEO	2	0402 1%
R120	RC0402FR-0747KL YAGEO	1	0402 1%
R121	RC0402FR-07100RL YAGEO	1	0402 1%
R122,R123	RC0402FR-0747KL YAGEO	2	0402 1%
R124	RC0402FR-0775RL YAGEO	1	0402 1%
R125	ERJ-6ENF49R9V Panasonic	1	
R126	RC0402FR-0775RL YAGEO	1	0402 1%
R127	ERJ-6ENF49R9V Panasonic	1	
R128	RC0402FR-0710RL YAGEO	1	0402 1%
	<u> Устройства коммутационные</u>		
S1,S2	SLG59M309V Dialog Semiconductor GmbH	2	
S3	TMUX1101DCKR Texas Instruments	1	
S4,S5	TPS22908YZTR Texas Instruments	2	
SC1	Ионистр CPH3225A Seiko Instruments Micro Energy	1	1210 11mF 3.3V
Т1	Трансформатор SM13126PEL Bourns	1	
	<u>Диоды</u>		
VD1	CDBQR0130R Comchip Technology	1	0402 30V 0.1A
VD2-VD4	CCS15S40,L3F Toshiba	3	0603 40V 1.5A
VD5, VD6	CDBQR0130R Comchip Technology	2	0402 30V 0.1A
 VD7	CCS15S40,L3F Toshiba	1	0603 40V 1.5A
VD8	CDBQR0130R Comchip Technology	1	0402 30V 0.1A
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Инв. Nº дубл.

Взам. инв. №

Подп. и дата

Поз. обозна– чение	Наименование	Кол.	Примечание
WA1	Антенна ANT-433-CW-QW-SMA-male AntennaFactor by Linx	1	400-470 MHz 3.3dB
	<u>Соединители</u>		
X1,X2	Big Circle Pad	2	
Х3	Big Circle Pad	1	
XA1,XA2	Токосъемник 0861-0-15-20-82-14-11-0 MILL-MAX	2	9A 10mm
	<u>Соединители</u>		
XP1,XP2	5040500491 Molex	2	1.5mm 4-pin
XS1	UJ31-CH-3-MSMT-TR-67 CUI Devices	1	type C IP67
XS2	0541043531 Molex	1	35-pin 0.5mm
XS3	XF3M-0915-1B OMRON	1	9-pin 0.5mm
XW1	132371 Amphenol	1	SMA 500hm
	<u>Резонаторы</u>		
ZQ1	12.87181 Geyer Electronic America, Inc.	1	32.768kHz
ZQ2	LFXTAL069277REEL IQD Frequency Products	1	8MHz
ZQ3	STC22K33R48-32.000MT Suntsu Electronics, Inc.	1	32MHz 1ppm
ZQ4	SXT22418FB48-25.000MT Suntsu Electronics, Inc.	1	25MHz
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