

## DSP v22-BOM

### Конденсаторы

2	C2,C1	12 pF	SMD0603
2	C5,C3	20 pF	SMD0603
4	C8,C12,C16,C13	22uF	SMB
3	C9,C10,C11	0.1uF	SMD0603
3	C15,C20,C24	2u2/5V	SMD_A
1	C21	not install	SMD0603
12	C22,C23,C25,C26,C31,C34, C38,C39,C40,C41,C42,C43	0.1uF	SMD0603
12	C32,C33,C35,C36,C37,C44, C45,C46,C47,C48,C49,C50	10nF	SMD0603

### Резисторы

12	RA1,RA2,RA3,RA4,RA5,RA6, RA7,RA8,RA9,RA10,RA11,RA12	100	YC-164-JR
3	R1,R9,R16	1k	SMD0603
3	R2,R8,R24	100k	SMD0603
6	R3,R20,R4,R15,R31,R32	10k	SMD0603
1	R5	220	SMD0603
1	R6	not install	SMD0603
2	R7,R23	1k	SMD0603
1	R12	390	SMD0603
1	R13	not install	SMD0603
1	R14	*	SMD0603
2	R17,R18	33	SMD0603
1	R22	47k	SMD0603
1	R26	0	SMD0603
2	R29,R30	100	SMD0603
2	R21,R25	not install	SMD0603

### Индукторы

3	FB3,FB4,FB5	BLM21	SMD0805
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### Диоды

1	D1	BAT54C	SOT23
1	D3	SMAJ30A	DO214AC
1	LED1	LED_SMD	SMD0603

### Транзисторы

1	Q1	IRLML6402	SOT23
2	Q4,Q2	BC847	SOT23
1	Q3	IRLML5103	SOT23

### Микросхемы

1	U1	STM32F407VGt6	TQFP100/WG16.00MM
1	U3	LM1117-3.3	SOT223
1	U6	FM24CL64	SOIC_8

**Разъемы**

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1	J1	CWF-4	CWF_4
1	J3	PLC-4	PLS-4
1	J4	EC11	EC11-P6
1	J5	ENS1J_B28L00XXXL	ENS1J_B28L00XXXL-6p
2	J6,J7	PBD2-24S	CON_2X12_FSMT
1	J8	CWF-3	CWF_3
1	J9	PBD2-8S	CON_2X4_FSMT
1	LCD1	ILI9341	ILI9341_2.4
1	PM1	mini360 (5Volt)	mini360
1	PM2	D-SUN (5Volt)	D-SUN

**Другое**

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1	BAT1	KLS5-CR1220-01	BAT_CR1220
1	XT1	32768kHz	KVARC_CYL_DT-38T
1	XT2	8 MHz	KVARC_V
8	SW1,SW2,SW3,SW4,SW5,SW6,	4x4x1.5	SW_SMD_4X4X1.5