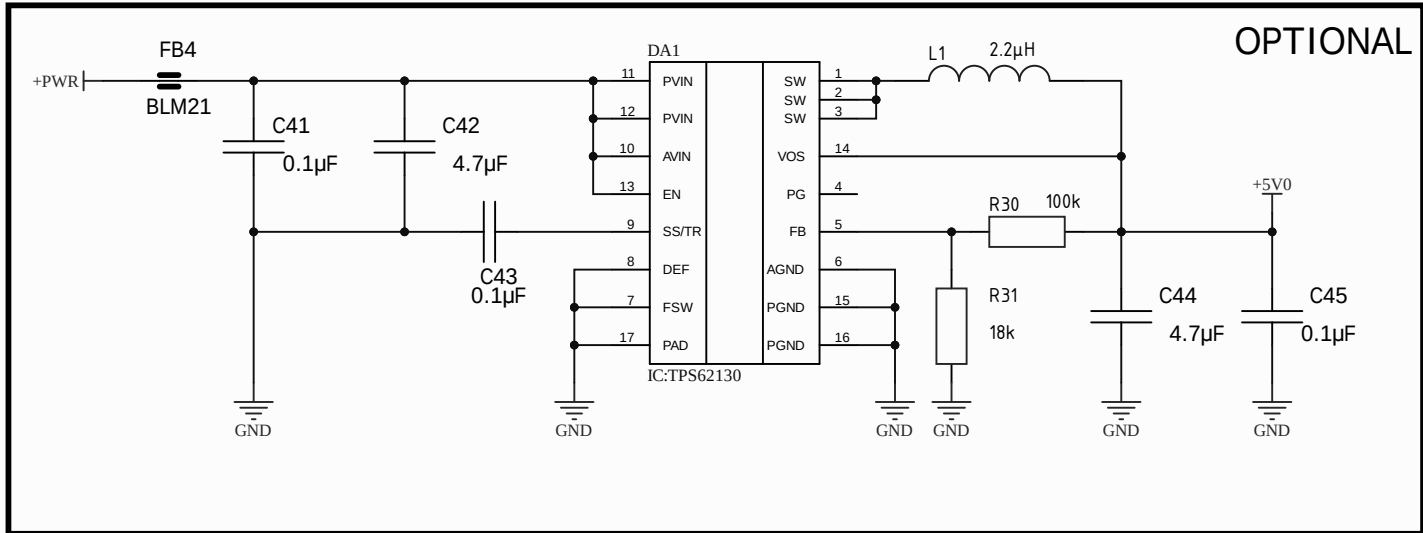
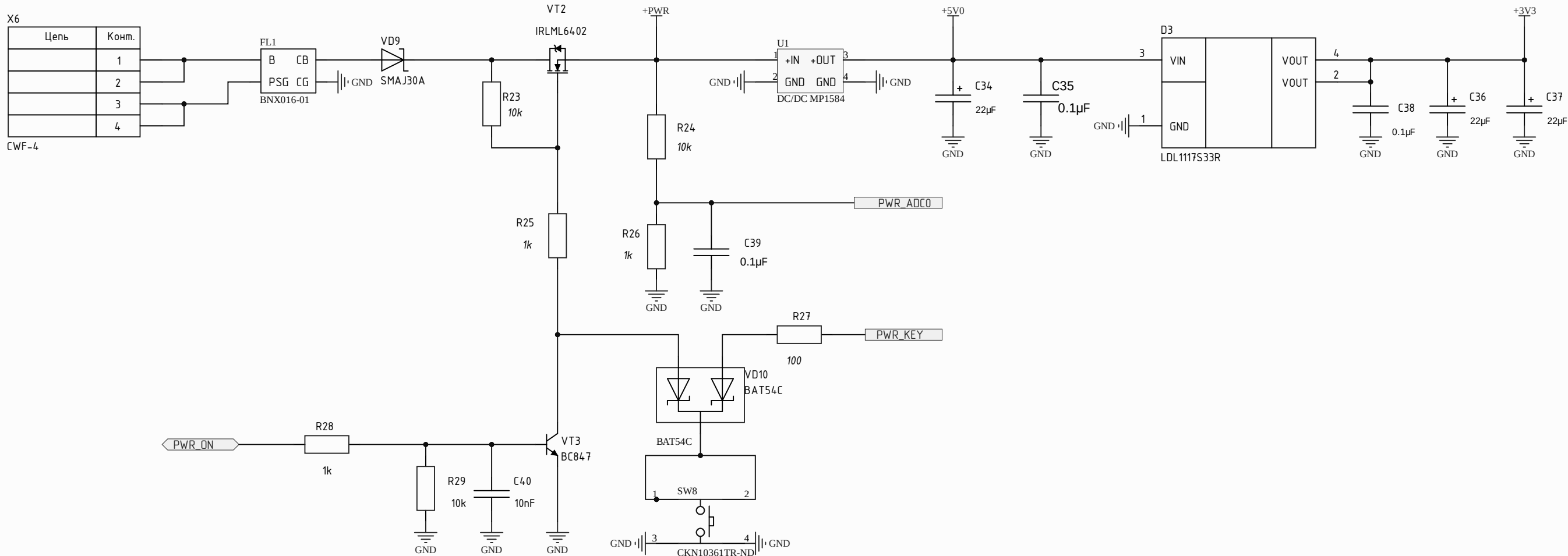
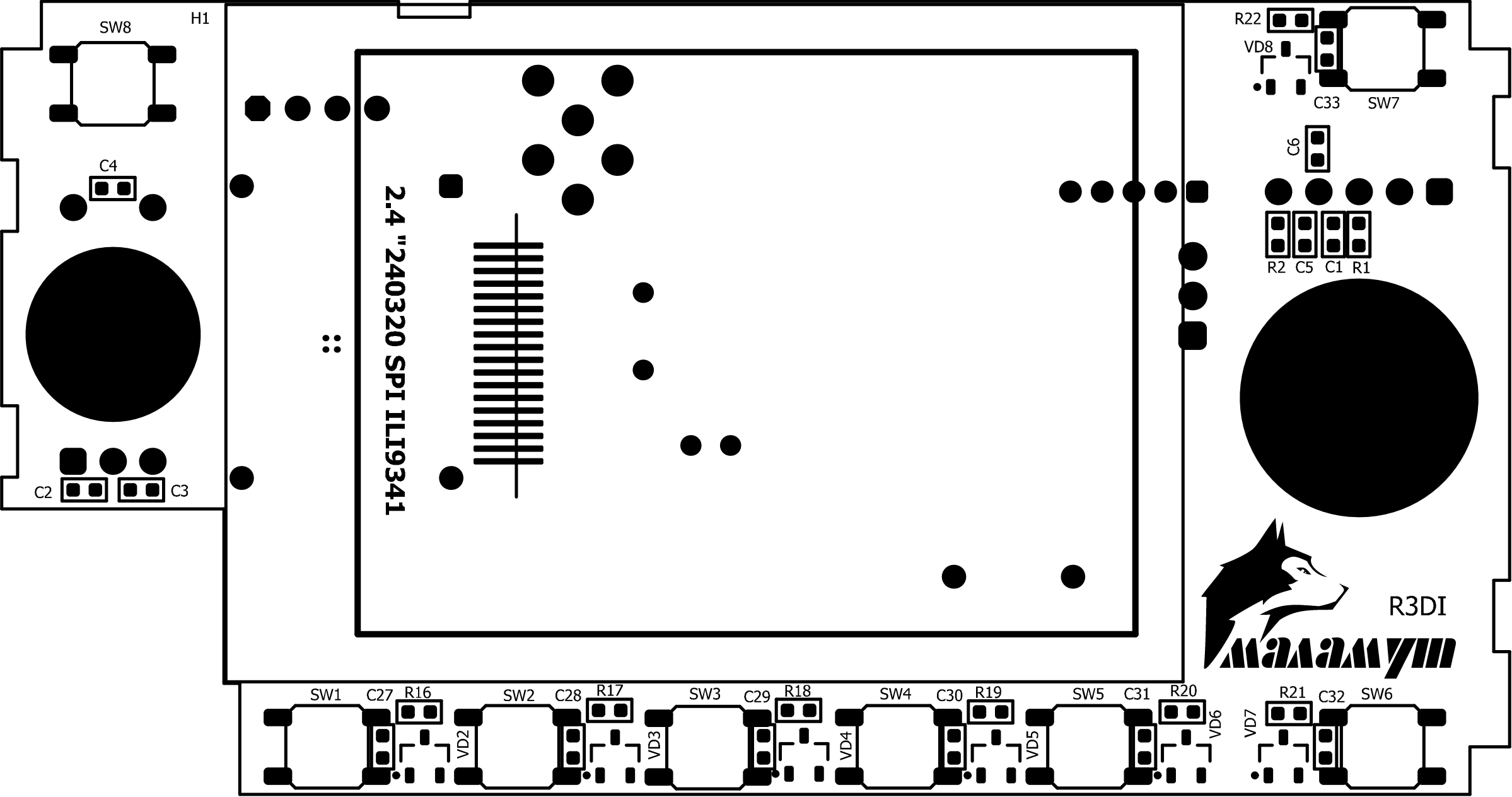




					DSP-MII v2.43 ЭЗ						
					* * Схема электрическая принципиальная	Лит.		Масса		Масштаб	
Изм.	Лист	№ докум.	Подп.	Дата		*					1:1
Разраб.	*										
Пров.	*										
Т.контр.	*					Лист	3		Листов	3	
						*					
Н.контр.	*										
Утв.	*										

Designator	Value	Quantity	Package
BT1	KLS5-CR1220-01	1	
C1, C2, C3, C5	1nF	4	0603
C4, C27, C28, C29, C30, C31, C32, C33, C40	10nF	9	0603
C6, C7, C8, C11, C12, C14, C15, C16, C17, C18, C19, C20, C25, C35, C38, C39, C41, C43, C45	0.1μF	19	0603
C9, C10	2.2μF	2	1206
C13, C26, C34, C36, C37	22μF	5	SMA
C21, C22, C23, C24	15pF	4	0603
C42, C44	4.7μF	2	1206
D1	STM32F407VET6	1	
D2	FM24CL64	1	
D3	LDL1117S33R	1	SOT223
DA1	IC:TPS62130	1	
EN1	EC11-ENC	1	
FB1, FB2, FB3, FB4	BLM21	4	0805
FL1	BNX016-01	1	
H1	LCD ILI9341 SPI 18 PIN	1	
L1	2.2μH	1	XFL4020
R1, R2, R16, R17, R18, R19, R20, R21, R22	100	9	0603
R3, R9, R26, R28	1k	4	0603
R4, R5	4k7	2	0603
R6	2R2	1	0603
R7, R8, R12, R29	10k	4	0603
R10	0	1	0603
R11	47k	1	0603
R13	220	1	0603
R14, R15	33	2	0603
R23, R24	10k	2	0603
R25	1k	1	0603
R27	100	1	0603
R30	100k	1	0603
R31	18k	1	0603
RA1, RA2, RA3, RA4, RA5, RA6, RA7, RA8, RA9, RA10, RA11, RA12	33	12	0612
SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8	CKN10361TR-ND	8	
U1	DC/DC MP1584	1	
VD1	SMD LED	1	0603

Designator	Value	Quantity	Package
VD2, VD3, VD4, VD5, VD6, VD7, VD8	BAV99	7	SOT23
VD9	SMAJ30A	1	SMA
VD10	BAT54C	1	SOT23
VL1	ENS1J-B28-L00256L-ND	1	
VT1	IRLML5103PbF	1	SOT23
VT2	IRLML6402	1	SOT23
VT3	BC847	1	SOT23
X1, X2	PBD2-24S	2	
X3	PLS2-5	1	
X4	CWF-3	1	
X5	PBD2-08S	1	
X6	CWF-4	1	
ZQ1	32768 Hz	1	
ZQ2	8.0 MHz	1	



CKN10361TR-ND

10nF

1nF

1nF

2.4" 240320 SPI ILI9341

LCD ILI9341 SPI 18 PIN

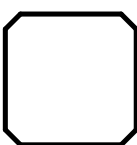
CKN10361TR-ND

CKN10361TR-ND

CKN10361TR-ND

CKN10361TR-ND

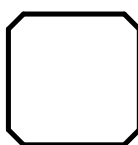
CKN10361TR-ND



10nF

BAV99

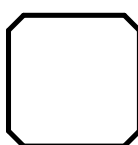
100



10nF

BAV99

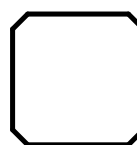
100



10nF

BAV99

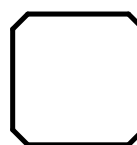
100



10nF

BAV99

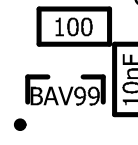
100



10nF

BAV99

100



10nF

BAV99

100

CKN10361TR-ND



CKN10361TR-ND

0.1μF

10nF

BAV99

100

100

1nF

1nF

100