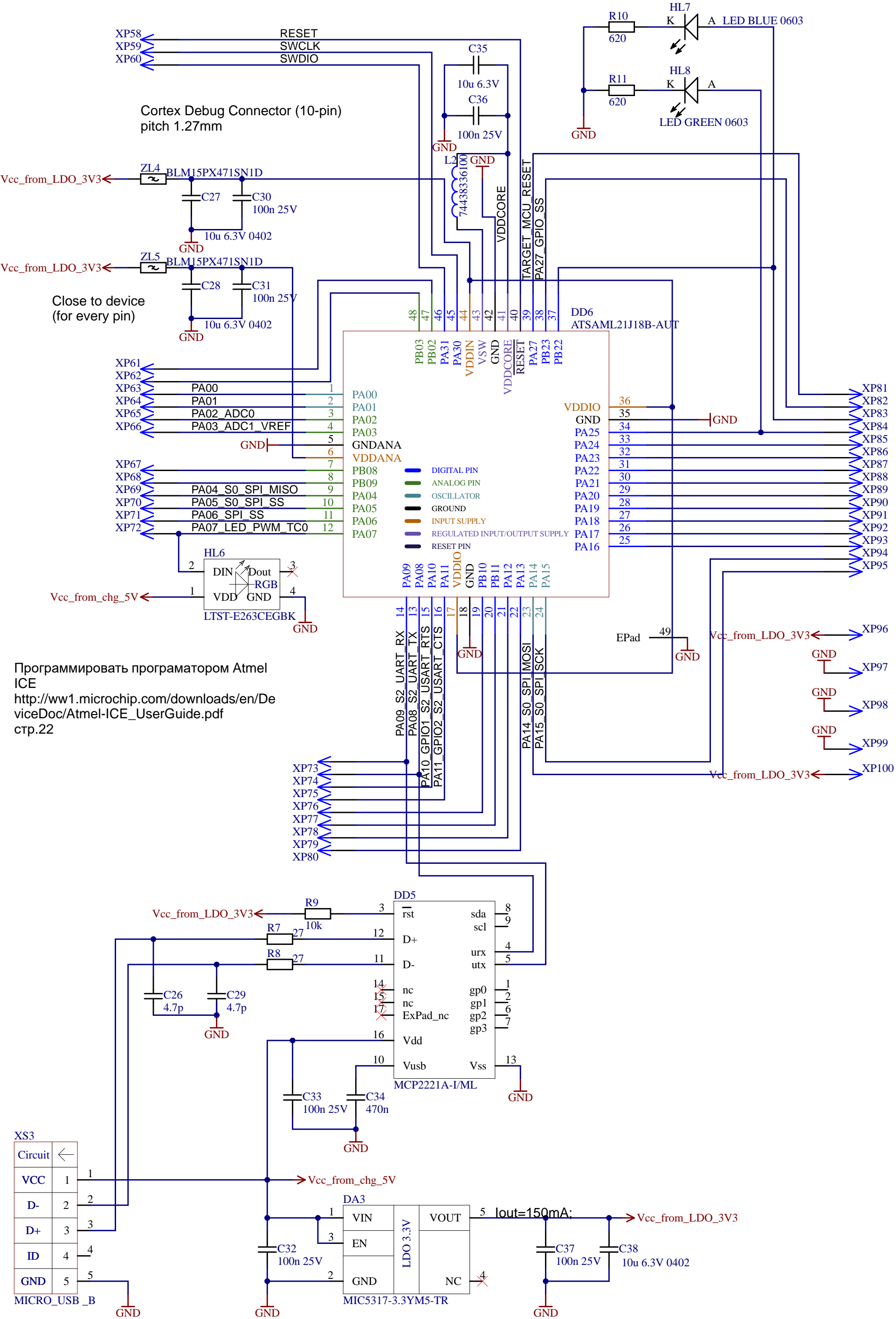


1-Контактные площадки для пассивных компонентов намерено увеличены для универсальности.
2-Внешние контакты не попадают в список компонентов!!!



Designator	Comment	Description	Manufacturer Part Number	Digi-Key Part Number	Quantity	Note
C1, C5, C6, C8, C11, C15, C16, C17, C21, C22, C24, C30, C31, C32, C33, C36, C37	100n 25V	CAP CER 0.1UF 25V X5R 0402	885012105018	732-7495-1-ND	17	
C2, C3, C18, C19, C26, C29	4.7p	CAP CER 4.7PF 50V COG/NPO 0402	CC0402CRNPO9BN4R7	311-1367-1-ND	6	
C4, C7, C10, C12, C13, C14, C25, C27, C28, C38	10u 6.3V 0402	CAP CER 10UF 6.3V X5R 0402	GRJ155R60J106ME11D	GRJ155R60J106ME11D	10	
C9, C23, C34	470n	CAP CER 4.7UF ±20% 10V X5R 0402	GRT155R61E474KE01D	490-12269-1-ND	3	
C20, C35	10u 6.3V	CAP CER 10UF 6.3V X5R 0402	GRJ155R60J106ME11D	GRJ155R60J106ME11D	2	
DA1, DA2, DA3	MIC5317-3.3YM5-TR	Linear Voltage Regulator IC 1 Output 150mA SOT-23-5	MIC5317-3.3YM5-TR	MIC5317-3.3YM5-CT-ND	3	
DD1, DD4, DD5	MCP2221A-I/ML	IC USB TO I2C/UART 16QFN	MCP2221A-I/ML	MCP2221A-I/ML-ND	3	???
DD2	ATSAML10D16A-MUT	IC MCU 32BIT 64KB FLASH 24VQFN, ARM® Cortex®-M23	ATSAML10D16A-MUT	ATSAML10D16A-MUTCT-ND	1	
DD3	ATSAML10E16A-MF	IC MCU 32BIT 64KB FLASH 32VQFN	ATSAML10E16A-MF	ATSAML10E16A-MF-ND	1	
DD6	'	IC MCU 32BIT 256KB FLASH 48VQFN	ATSAML21G18B-MNT	ATSAML21G18B-MNTCT-ND	1	
HL1, HL3, HL7	LED BLUE 0603	LED BLUE DIFFUSED 0603 SMD	150060BS55040	732-12013-1-ND	3	?
HL2, HL4, HL8	LED GREEN 0603	LED GREEN DIFFUSED 0603 SMD	150060VS55040	732-12017-1-ND	3	?
HL5, HL6	LTST-E263CEGBK	ADDRESSABLE LED DISCRETE SERIAL	LTST-E263CEGBK	160-2263-1-ND	2	
HL9	LED_RED	LED RED DIFFUSED 0603 SMD	LED RED DIFFUSED 0603 SMD	732-12015-1-ND	1	?
L1, L2	74438336100	FIXED IND 10UH 1.2A 322 MOHM SMD	74438336100	732-5700-1-ND	2	
R1, R6, R9	10k	RES 10K OHM 1% 1/16W 0402	RMCF0402FT10K0	RMCF0402FT10K0CT-ND	3	
R2, R3, R4, R5, R10, R11, R12	620	RES SMD 620 OHM 1% 1/16W 0402	RC0402FR-07620RL	311-620LRCT-ND	7	
R7, R8	27	RES SMD 27 OHM 1% 1/10W 0402	ERJ-2RKF27ROX	P27.0LCT-ND	2	
SB1, SB2, SB3, SB4	PTS525SM15SMTR2 LFS	SWITCH TACTILE SPST-NO 0.02A 15V	PTS525SM15SMTR2 LFS	CKN9104CT-ND	4	???
XP1, XP24	3220-10-0100-00			1175-1627-ND	2	
XS1, XS2, XS3	MICRO_USB_B		10118194-0001LF	609-4618-1-ND	3	
ZL1	BLM15PX471SN1D	FERRITE BEAD 470 OHM 0402 1LN	BLM15PX471SN1D	490-10662-1-ND	1	
ZL2, ZL3, ZL4, ZL5	BLM15PX471SN1D	FERRITE BEAD 470 OHM 0402 1LN	BLM15PX471SN1D	490-10662-1-ND	4	

