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A

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B

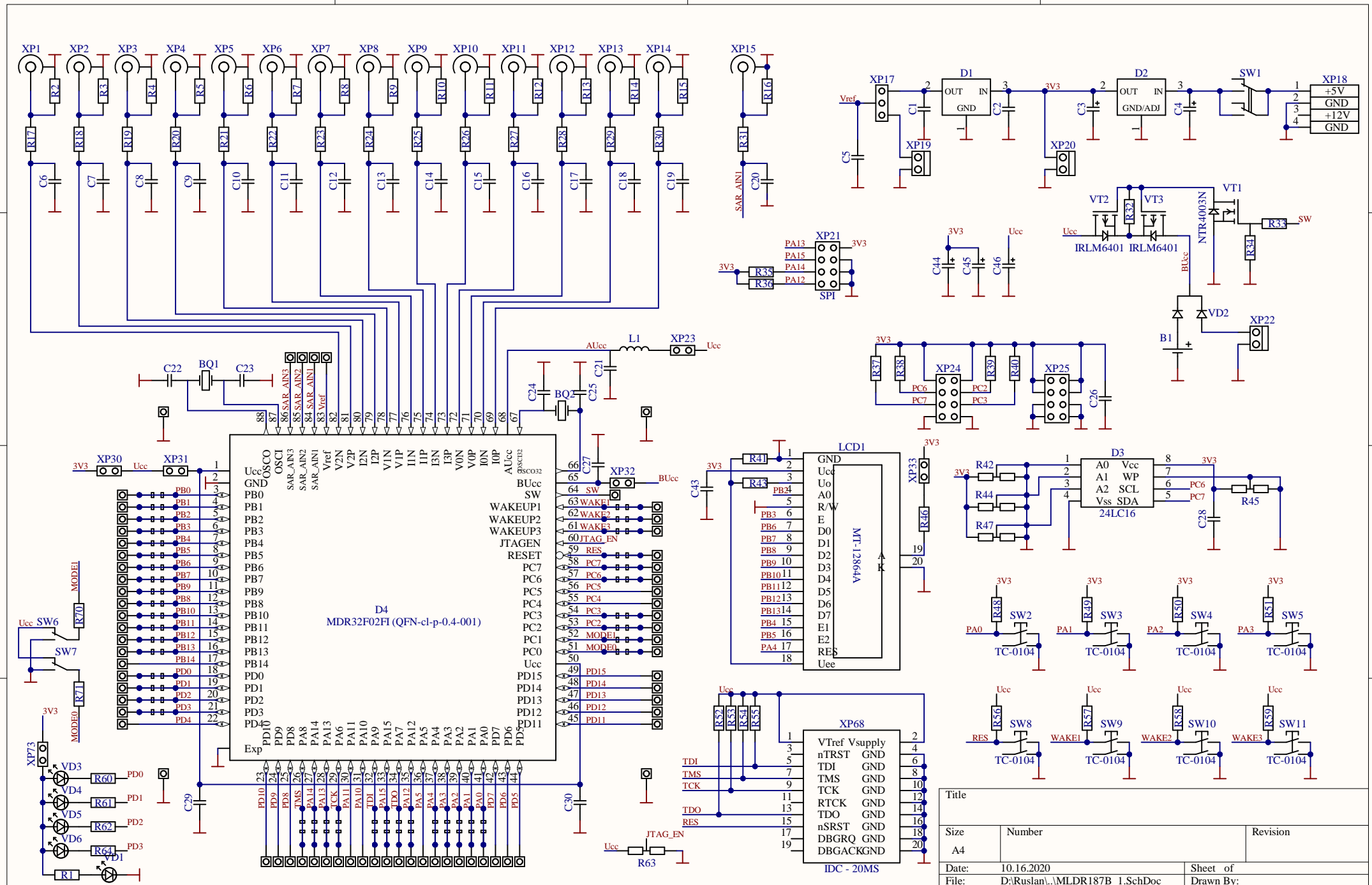
B

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D



Title		
Size	Number	Revision
A4		
Date:	10.16.2020	Sheet of
File:	D:\Ruslan\...\MLDR187B_1.SchDoc	Drawn By:

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Comment	Description	Designator	Footprint	LibRef	Quantity
KL55-CR2032-03	CR2032	B1	KL55-CR2032-03	CR2032	1
KX-KT 8.0Mhz		BO1	SMU-4	HC-49 SM	1
KX-38 32768Hz		BO2	R38	KX-38	1
KX-KT 12.0Mhz		BO3	SMU-4	HC-49 SM	1
0.1uF 0603 X7R	0603	C1, C2, C5, C21, C26, C27, C28, C29, C30, C33, C34, C36, C37, C39, C40, C41, C42, C43	0603	C_0603	18
22uF B case 16V	CASE B	C3, C4, C44, C45, C46	TANT_CaseB	CSB	5
33nF 0603 X7R	0603	C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20	0603	C_0603	15
15pF 0603 NPO	0603	C22, C23, C24, C25, C31, C32	0603	C_0603	6
100pF 0603 NPO	0603	C35, C38	0603	C_0603	2
MCP1525	MCP1525	D1	SOT-23	MCP1525	1
UM1117MPX-3.3		D2	SOT-223	UM1117	1
24LC16	24C16	D3	SO-8	24LC16	1
MDR32F02FI (QFN-cl-p-0.4-001)	QFN-CLPROM	D4	QFN-cl-p-88-0.4-001plus	MDR32F02FI (QFN-cl-p-0.4-001)	1
FT2232HL		D5	LCFP-64	FT2232HL	1
BLM188HE102SN110	0603	L1, L2, L3	0603	L_0603	3
MT-12864A		LCD1	MT-12864A	MT-12864A	1
680Ohm 0603 5%	0603	R1, R60, R61, R62, R64, R68, R69	0603	R_0603	7
49.9 Ohm 1206 1%	1206	R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16	1206	R_1206	15
1k 0603 1%	0603	R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R33	0603	R_0603	16
100k 0603 5%	0603	R32, R34	0603	R_0603	2
33k 0603 5%	0603	R35, R36, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R66, R67, R70, R71	0603	R_0603	18
4.7k 0603 5%	0603	R37, R38, R39, R40	0603	R_0603	4
1.5k 0603 5%	0603	R41	0603	R_0603	1
R_0603X2	R_0603X2	R42, R44, R45, R47	0603X2	R_0603X2	4
620Ohm 0603 5%	0603	R43	0603	R_0603	1
0 Ohm 0603	0603	R46	0603	R_0603	1
0 Ohm	R_0603X2	R63	0603X2	R_0603X2	1
12k 0603 1%	0603	R65	0603	R_0603	1
RJ_0603		RJ1, RJ2, RJ3, RJ4, RJ5, RJ6, RJ7, RJ8, RJ9, RJ10, RJ11, RJ12, RJ13, RJ14, RJ15, RJ17, RJ19, RJ20, RJ21, RJ22, RJ23, RJ24, RJ25, RJ26, RJ28, RJ30, RJ32, RJ34, RJ41, RJ42, RJ43, RJ44, RJ47, RJ48, RJ49, RJ50, RJ52, RJ53, RJ54, RJ55, RJ56	RJ0603	RJ_0603	41
SS22F07G	SS22F07G	SW1	SS22F07G	SS22F07G	1
TC-0104	Button	SW2, SW3, SW4, SW5, SW8, SW9, SW10, SW11	TC-0104	TC-0104	8
SS12D07VG4	SS12D07VG4	SW6, SW7	SS12D07VG4	SS12D07VG4	2
LED 1206	1206	VD1, VD3, VD4, VD5, VD6, VD7	VD1206	LED_1206	6
BAT54C	BAT54C	VD2	SOT-23	BAT54C	1
NTR4003N	N-MOSFET	VT1	SOT-23	NTR4003N	1
IRLML6401	P-MOSFET	VT2, VT3	SOT-23	IRLML6401	2
SMA-JR		XP1, XP2, XP3, XP4, XP5, XP6, XP7, XP8, XP9, XP10, XP11, XP12, XP13, XP14, XP15	SMA-JR	SMA-JR	15
PLS-3	PLS-3	XP17	PLS-3	PLS-3	1
MF2x2MRA_4.2		XP18	MF2x2MRA_4.2	MF2x2MRA_4.2	1
MKD5 3/2	MKD5 3/2	XP19, XP20, XP22	MKD5 3/ 2	MKD5 3/2	3
PLD-8	PLD-8	XP21, XP24, XP25, XP96	PLD-8	PLD-8	4
PLS-2	PLS-2	XP23, XP30, XP31, XP32, XP33, XP73, XP98	PLS-2	PLS-2	7
PLS-1		XP26, XP27, XP28, XP29, XP34, XP35, XP36, XP37, XP38, XP39, XP40, XP41, XP42, XP43, XP44, XP45, XP46, XP47, XP48, XP49, XP50, XP51, XP52, XP53, XP54, XP55, XP56, XP57, XP58, XP59, XP60, XP61, XP62, XP63, XP64, XP65, XP66, XP67, XP69, XP70, XP71, XP72, XP74, XP75, XP76, XP77, XP78, XP79, XP80, XP81, XP82, XP83, XP84, XP85, XP86, XP87, XP88, XP89, XP90, XP91, XP92, XP93, XP94, XP95, XP99, XP100, XP101, XP102	PLS-1	PLS-1	68
IDC_20MS		XP68	IDC_20MS	ITAG_20	1
USBB		XP97	USBB_B	USBB	1