

Project **PumpController.PrjPcb**

Part **PUMP control DMX-PWM**

File : **pumpController.SchDoc**

Date:  
13.04.2018  
12:06:12

Revision: **A**

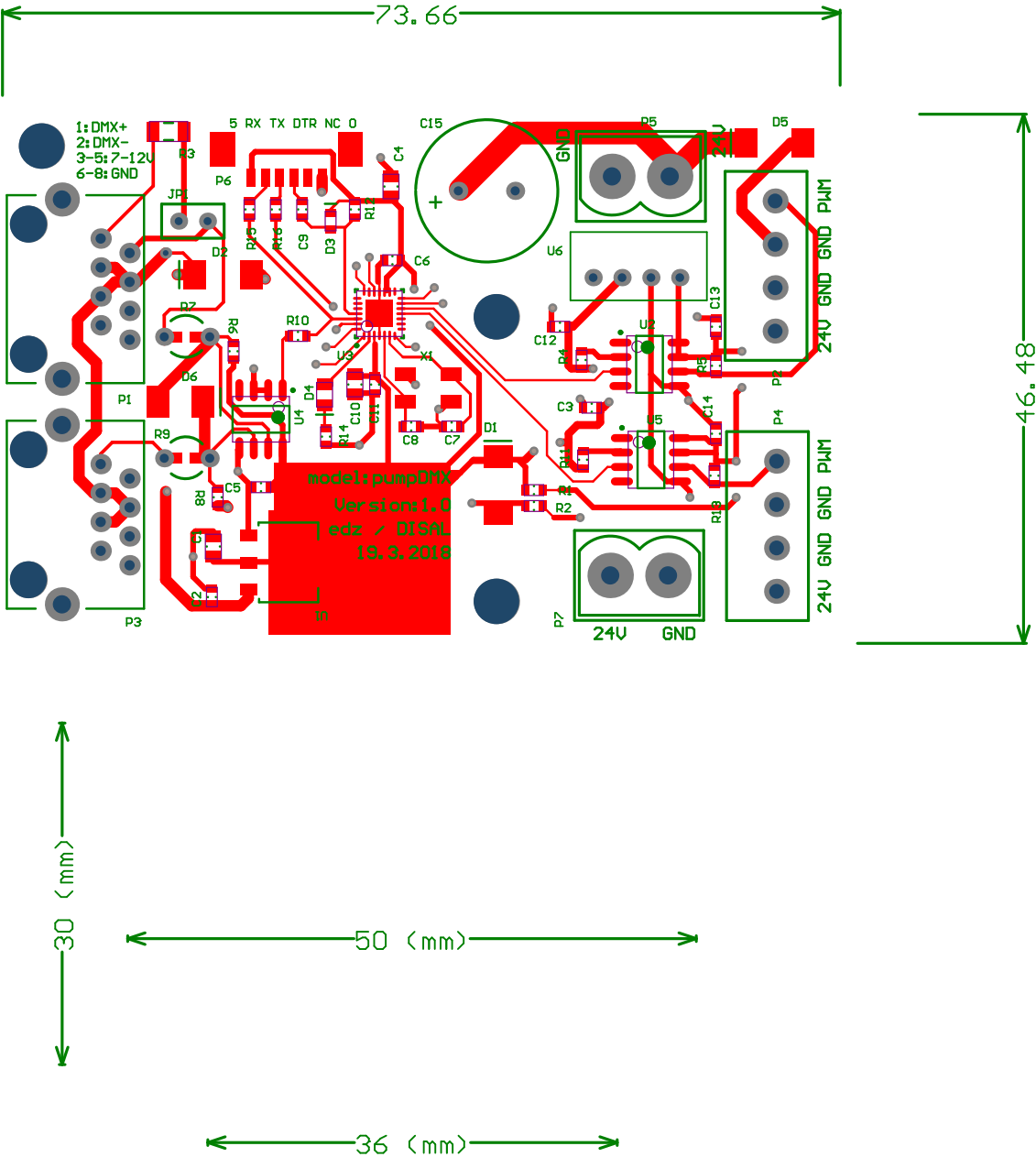
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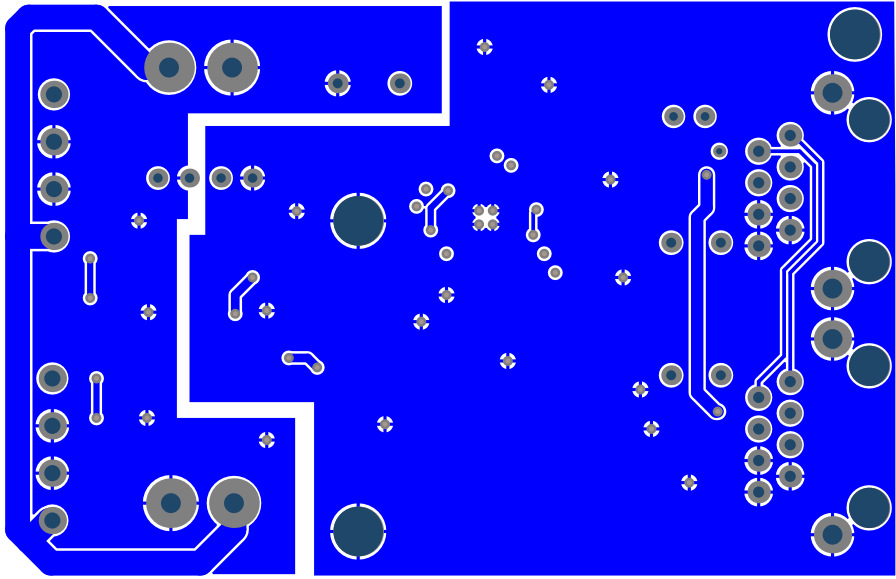
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Distributed Intelligent Systems And Algorithms Laboratory





DISAL - Bill of Materials for PCB mounting

Bill of Materials For Project [PumpController.PrjPcb] (No PCB Document Selected)

Source Data From:	PumpController.PrjPcb
Project:	PumpController.PrjPcb
Variant:	None

Creation Date:	13.04.2018	12:06:18			Print Date:	13.04.2018	12:06:30
Quantity	Check	Designator	name	value	Comment	Description	Footprint
3		C1, C4, C10	C2012X5R1A106K125AB	10uF	10uF	Capacitor	0805
9		C2, C3, C5, C6, C9, C11, C12, C13, C14	C100nF25V0603X7R	100nF	100nF	Capacitor	0603
2		C7, C8	C0603Set	22pF	22pF	Capacitor	0603
1		C15	UVR1V102MHD	1000uF	1000uF	Capacitor	CapaRadialD12.5H20F5
1		D1	Zener5V	5.1V	not mounted	Diode	MELF
2		D2, D5	SS34		SS34	Schottky Diode 1A 0.5V 20V	MELF
1		D3	ZLLS350TA		ZLLS350TA	Shottky diode	0603pol
1		D4	OVS-0804	GREEN	GREEN	LED green	0805pol
1		D6	P008A		P008A	Diac	DO-214
1		JP1	connectorJumper		Jumper DMX Terminal resistor	Header, 4-Pin, Dual row	Jumper
2		P1, P3	RJ45_socket_right		DMX		RJ45_socket_right
2		P2, P4	CON_phoenix_3.81_180_4x		Header 4	Header, 4-Pin, single row	PHO_3.81_180_4x
2		P5, P7	CON_phoenix_5.01_180_2x		24V	Header, 4-Pin, Dual row	ALIME 5_08 180
1		P6	Header6_1.25_90deg_smd_Micro_JST		Header 6	Header,6-Pin	Header6_1.25_micro_JST_Axial
1		R1	R0603Set	100R	10R	Resistor	0603
1		R2	R0603Set	10R	10R	Resistor	0603
1		R3	R1206Set	120R	120R	Resistor	1206
2		R4, R11	R0603Set	470R	470R	Resistor	0603
2		R5, R13	R0603Set	1K	1K	Resistor	0603
3		R6, R8, R10	R0603Set	10k	10k	Resistor	0603
2		R7, R9	MZ6	1K	1K	Resistor PTC	MZ6
3		R12, R15, R16	R0603Set	100k	100k, 100R	Resistor	0603
1		R14	R0603Set	2k2	2k2	Resistor	0603
1		U1	LD1117S50CTR	5V	LD1117S50CTR	Linear regulator	SOT-223
2		U2, U5	HCPL-0600		HCPL-0600	Logical optocoupler single SO8	so-8
1		U3	ATMEGA328P		ATMEGA328P		ATM328P_MMH
1		U4	SP485EE		LTC485IS8 (év. CS8)		so-8
1		U6	NKE0505SC		NKE0505SC	Isolated power supply	SIL4
1		X1	Quartz_8MHz_smd	8MHz	8MHz		osc
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