

Bill Of Materials for РОБКО 01 адаптер за STM32L476RG Nucleo

Design Title РОБКО 01 адаптер за STM32L476RG Nucleo
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Revision 2
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Total Parts In Design 55

2 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
2	C1-C2	100U	Digikey P5138-ND	CAPPRD200W50D500H1250

17 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
5	R1-R4,R17	10k		RES40
6	R5,R7,R9,R11,R13,R15	120		RES40
6	R6,R8,R10,R12,R14,R16	150		RES40

1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
1	U1	7805		P1

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
1	Q1	IRF9540N		TO220

7 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
6	D1-D6	RED/GREEN_LED		RED/GREEN_LED
1	D7	BZX55C11		DO35

21 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
2	CON1,CON3	PATA/IDE CONNECTOR		PATA_IDE
1	CON2	ROBKO_CON		ROBKO_CON
2	FU1-FU2	5A		FUSE HOLDER 20X5
3	J1,J17,J20	CONN-DIL40		CONN-DIL40
2	J18-J19	CONN-SIL9		CONN-SIL9
3	J21-J23	TBLOCK-I2		TBLOCK-I2
2	RJ1-RJ2	43202-8816	Molex 432028816	RJ45 8/8FGP
2	RJ3-RJ4	42410-8314	Molex 424108314	NULL
1	SW1	SW-DIP4		DIL08
1	SW2	RESET_SW		BUTTON
1	SW3	SW-DPDT		DPDT_SWITCH
1	TVS1	SMAJ12CA		DO214

6 Devices

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
1	DEV1	12V_10A_PSU		
1	DEV2	Pravets82_exp_card		
1	DEV3	ROBKO-01		
1	DEV4	STM32L476RG_Nucleo		
1	DEV5	USB/UART_converter		
1	DEV6	optical_sensor_claw		

