

Bill Of Materials for SOLDER_SSD1306_SCH

Design Title SOLDER_SSD1306_SCH
Author
Document Number
Revision
Design Created 17 марта 2025 г.
Design Last Modified 24 марта 2025 г.
Total Parts In Design 29

0 Modules

Quantity	References	Value	description
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Sub-totals:

5 Capacitors

Quantity	References	Value	description
3	C1-C3	470n	Capacitor SMD0805
2	C4-C5	47u	Electrol. E2.5-6mm

Sub-totals:

10 Resistors

Quantity	References	Value	description
1	R1	10K	Resistor SMD0805
3	R2,R4,R8	1K	Resistor SMD0805
1	R3	100K	Resistor SMD0805
1	R5	20K	Resistor SMD0805
1	R6	330	Resistor SMD0805
1	R7	4K7	Resistor SMD0805
1	R9	89K	Resistor SMD0805
1	R10	22K	Resistor SMD0805

Sub-totals:

2 Integrated Circuits

Quantity	References	Value	description
1	U1	AD8552AS	Single-Supply, Rail-to-Rail Input/Output Operational Amplifiers Analog Devices
1	U2	7805	Voltage Regulator TO220

Sub-totals:

2 Transistors

Quantity	References	Value	description
1	Q2	BC338	NPN Transistor TO92
1	Q3	IRF4905	Power MOSFET(Vdss=-55V, Rds(on)=0.02ohm, Id=-74A) International Rectifier

Sub-totals:

10 Miscellaneous

Quantity	References	Value	description
1	ARD1	ARDUINO NANO R3	
1	BAT1	18V	MAKITA BATTERY ADAPTER
1	D1	LED-RED	LED5MM 2mA
1	LCD2	SSD1306 OLED (128x32)	OLED Display
1	RV1	51k	Trimmer B64Y
1	RV2	47k	POT. PTV09
1	RV3	470	Trimmer B64Y
1	SW1	SW-200D	Tilt Switch Sensor Dual Ball Rolling
1	SW2		Tactile Switch
1	TC1	TCK	Temperature Sensor

Sub-totals:

Totals:

24 марта 2025 г. 14:35:45