

Bill Of Materials for Cable_ribbon_rist_NANO_IDC TESTER

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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Sub-totals:

44 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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40	C1-C40	10u	Capacitor 0603
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4	C41-C42,C44,C47	47u	Capacitor electr. SMC-D
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Sub-totals:

107 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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2	R1-R2	10K	RESISTOR SMD0805
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32	R3-R32,R97-R98	100K	RESISTOR SMD0805
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43	R33-R65,R79-R81,R95-R96, R136-R140	3K3	RESISTOR SMD0402
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26	R66-R78,R82-R94	3k3	RESISTOR SMD0402
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2	R103-R104	33k	RESISTOR SMD0805
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1	R105	100K	RESISTOR SMD1206
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1	R106	10K	RESISTOR SMD1206
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Sub-totals:

11 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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8	U1-U8	MCP23017	16-Bit I/O Expander with Serial Interface
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2	U11-U12	LM1117DT-5,0	Voltage Regulator DPACK
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1	U13	LM1117DT-3,3	Voltage Regulator DPACK
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Sub-totals:

2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	Q1	STR2P3LLH6	Power MOSFET, P Channel, 30 V, 2 A, 0.048 ohm, SOT-23, Surface Mount
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1	Q2	BC846	Bipolar (BJT) Single Transistor, NPN, 45 V, 500 mA, SOT23
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Sub-totals:

45 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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2	BAT1-BAT2	3.7V	LI BATTERY 18650+HOLDER
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2	J1-J2	RIB64	IDC Box Header 2.54mm 64pin
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2	J3-J4	RIB60	IDC Box Header 2.54mm 60pin
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2	J5-J6	RIB50	IDC Box Header 2.54mm 50pin
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2	J7-J8	RIB40	IDC Box Header 2.54mm 40pin
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2	J9-J10	RIB34	IDC Box Header 2.54mm 34pin
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2	J11-J12	RIB26	IDC Box Header 2.54mm 26pin
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2	J14-J15	RIB20	IDC Box Header 2.54mm 20pin
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2	J16-J17	RIB16	IDC Box Header 2.54mm 16pin
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2	J18-J19	RIB14	IDC Box Header 2.54mm 14pin
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3	J20-J22	RIB10	IDC Box Header 2.54mm 10pin
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1	LCD2	NOKIA5110	NOKIA 5110 LCD DISPLAY
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