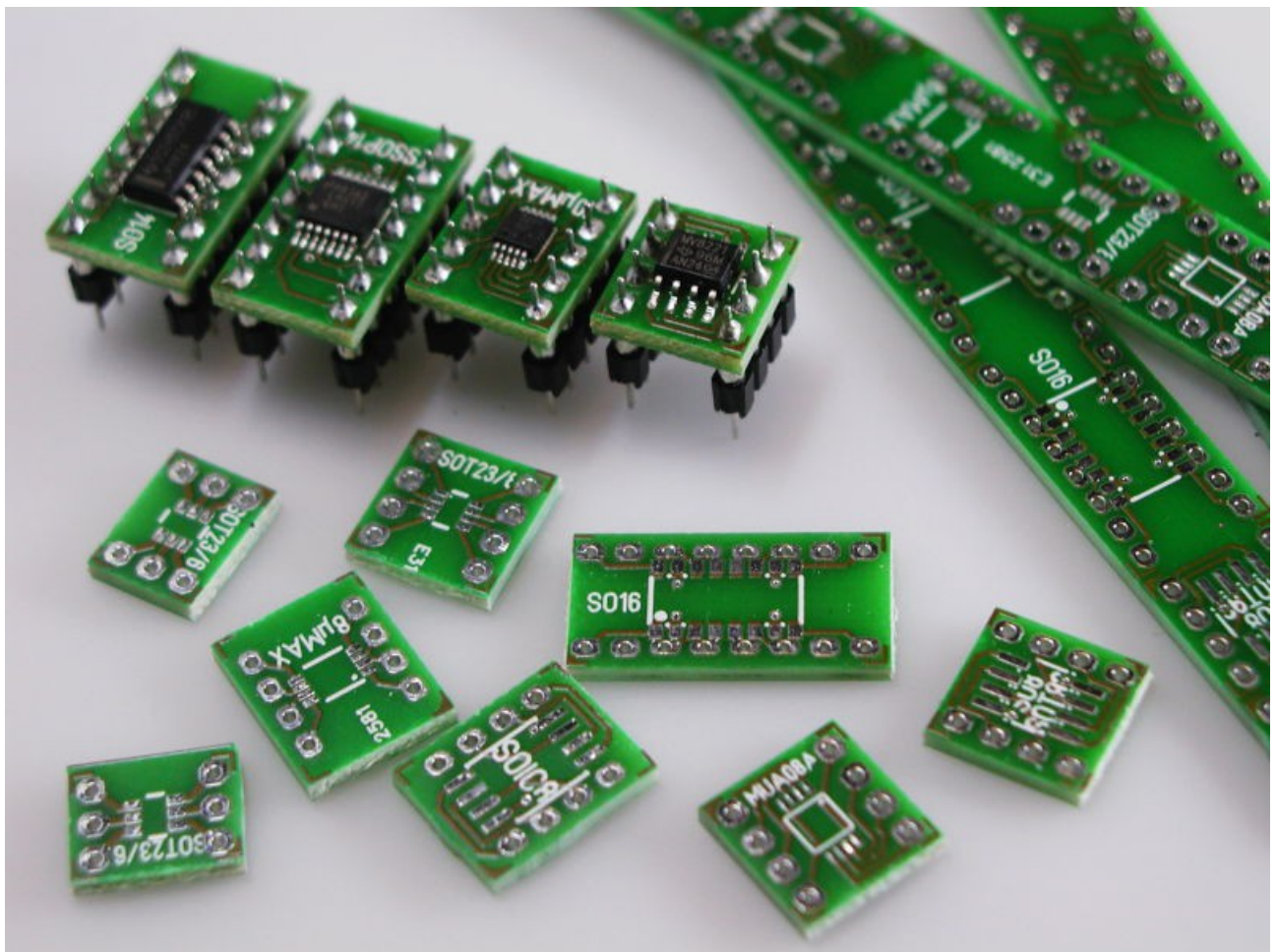


SMT Adapters

Surface Mounted Technology Adapter Boards

Document Rev. 20



Reusch Elektronik

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www.reusch-elektronik.de

<http://products.reworld.eu/smt.htm>

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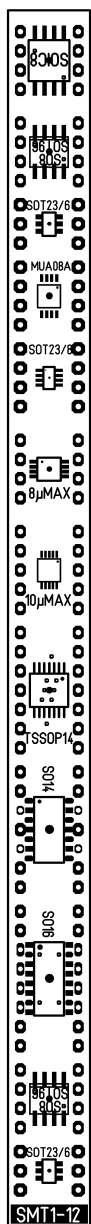
1. SMT1 (Rev. 1.2)

1.1 Description

The *SMT1 Rev 1.2* adapter board consists of 10 different SMD casings, adopted to the dual-in-line socket with 0.1 inch pin pitch and 0.3 inch row pitch. All adapters are in one row. Cut or saw the stripe, to get the single adapters.

1.2 The Adapters

SMD casing	also suitable for	pitch	hole diameter
SOIC8		1.27mm (50mil)	0.8mm
SOT96	SO8	1.27mm (50mil)	0.8mm
SOT23/6	SOT23, SOT23/4, SOT23/5	0.95mm (37.4mil)	0.8mm
MUA08A		0.65mm (25.6mil)	0.8mm
SOT23/8		0.65mm (25.6mil)	0.8mm
8 μ Max	TSSOP8	0.65mm (25.6mil)	0.8mm
10 μ Max	TSSOP10	0.5mm (19.7mil)	0.8mm
TSSOP14		0.65mm (25.6mil)	0.8mm
SO14		1.27mm (50mil)	0.7mm
SO16		1.27mm (50mil)	0.7mm
SOT96	SO8	1.27mm (50mil)	0.8mm
SOT23/6	SOT23, SOT23/4, SOT23/5	0.95mm (37.4mil)	0.8mm



1.3 Technical Data

Dimensions (total stripe)	160.64 x 10.80mm ²
PCB material	FR55, dual layer, thickness 1.55mm
Pin distance (within one adapter)	2.54mm (0.1 inch)
Pin row distance	7.62mm (0.3 inch)
Conformity	RoHS, Pb free

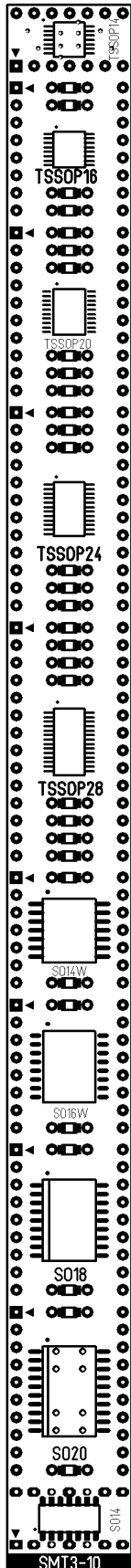
2. SMT3 (Rev. 1.0)

2.1 Description

The *SMT3 Rev 1.0* adapter board consists of 10 different SMD casings, adopted to the dual-in-line socket with 0.1 inch pin pitch and 0.3/0.6 inch row pitch. All adapters are in one row. Cut or saw the stripe, to get the single adapters.

2.2 The Adapters

SMD casing	remarks	pitch	hole diameter
TSSOP14		0.65mm (25.6mil)	0.7mm
TSSOP16	with 4 smd components 0805	0.65mm (25.6mil)	0.7mm
TSSOP20	with 6 smd components 0805	0.65mm (25.6mil)	0.7mm
TSSOP24	with 6 smd components 0805	0.65mm (25.6mil)	0.7mm
TSSOP28	with 8 smd components 0805	0.65mm (25.6mil)	0.7mm
SO14W	with 2 smd components 0805	1.27mm (50mil)	0.7mm
SO16W	with 2 smd components 0805	1.27mm (50mil)	0.7mm
SO18	with 2 smd components 0805	1.27mm (50mil)	0.7mm
SO20	with 2 smd components 0805	1.27mm (50mil)	0.7mm
SO14		1.27mm (50mil)	0.7mm



2.3 Technical Data

Dimensions (total stripe)	226,675 x 17.78mm ² (8,9 x 0.7 inch ²)
PCB material	FR55, dual layer, thickness 1.55mm
Pin distance (within one adapter)	2.54mm (0.1 inch)
Pin row distance	15.24 and 7.62mm (0.6 and 0.3 inch)
Conformity	RoHS, Pb free

3. Further Information

For further information, such as pricing and how to order, please visit the homepage:

<http://products.reworld.eu/smt.htm>

4. Concluding Remarks

4.1 Conformity statement

This evaluation board/kit is intended for use for **engineering development, demonstration or evaluation purposes only** and is not considered by *Reusch Elektronik* to be a finished end-product fit for general consumer use.

This evaluation board/kit does not fall within the scope of the European Union directives regarding electromagnetic compatibility, restricted substances (RoHS), recycling (WEEE), FCC, CE or UL, and therefore may not meet the technical requirements of these directives or other related directives.

4.2 Statement and Disclaimer

This electronic device is designed under best known engineering guidelines. It confirms the appropriate design rules. No warranty or liability is given for adherence, assured properties, or damages which might be caused by the usage of this hardware or the accessory software.

4.3 Technical Support

We hope you'll understand, that technical support by phone is not possible. If You have any questions, technical problems or You need information about other products from *Reusch Elektronik*, please contact us by e-mail or Fax.

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We are able to handle inquiries in english and german language.

Don't hesitate to contact us, if You have demand for custom specific solutions!