



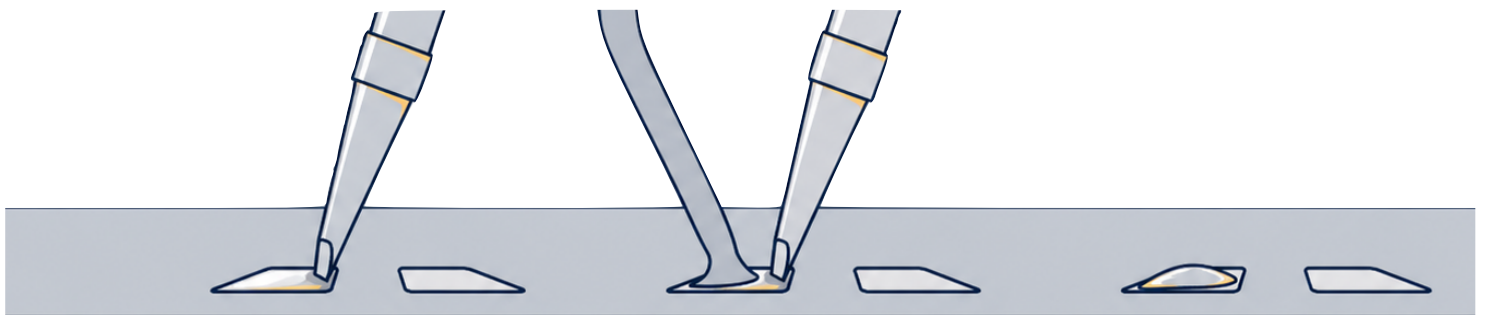
Soldering Guide

Surface Mount Technology



NETZWERK
TEILCHENWELT

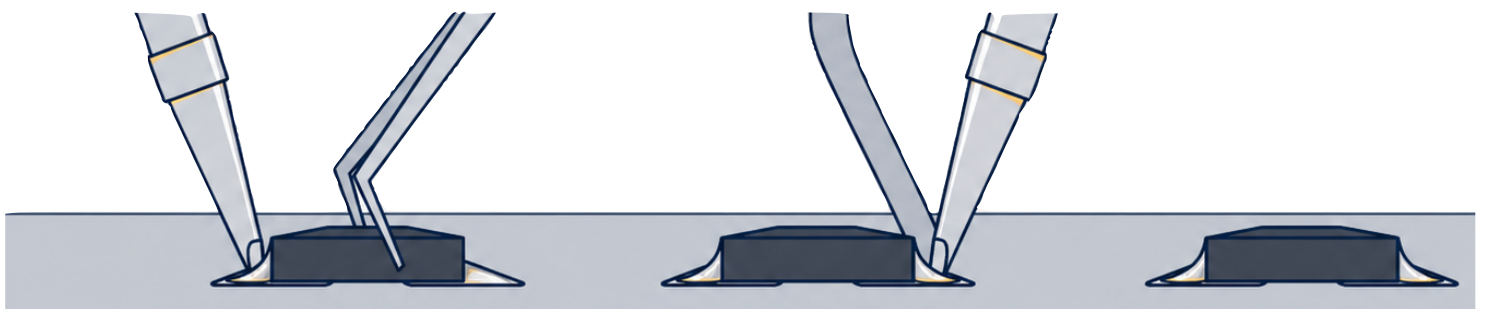
 Checklist	
Turn on ventilation and open windows – Soldering produces fumes that can irritate the respiratory tract!	
Protect yourself from burns – Tie back long hair, roll up long sleeves, and always place the soldering iron in its stand!	
Set the soldering iron to 340°C–380°C – The larger the soldering tip, the faster heat is transferred!	
Keep your workspace clean – Only use and store soldering equipment in the work area.	



1 Heat the pad
~2-3s

2 Melt solder on
the hot pad

3 Do not blow on it
For cooling!



4 Reheat the solder and
press the component
down with tweezers

5 Solder the other side:
the component and
the pad must get hot

6 Done!



Perfect!

Too much
heat!

Too much
solder

Component not
heated

Pad not
heated

Cleaning

Deposits or missing solder reduce heat transfer from the soldering tip. Clean the tip regularly with the brass sponge and re-tin the tip with fresh solder when needed.