

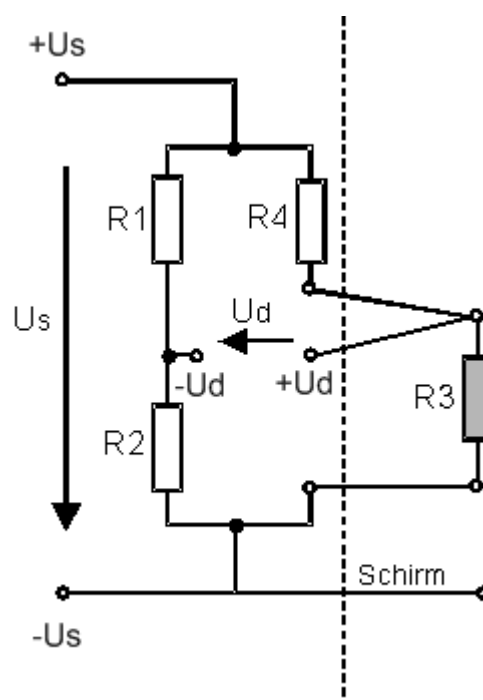
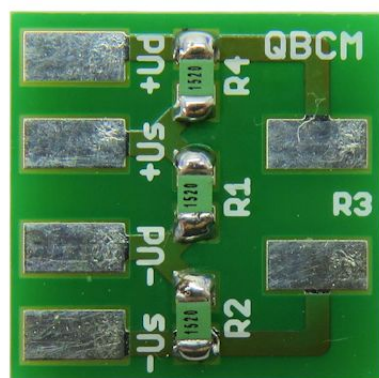
LSP-QBCM

The PCB LSP-QBCM is used as a "soldering point" with bridge completion. It serves as a bridge completion for strain gauges in a quarter-bridge circuit.

Positive strain (tensile load) leads to a positive difference signal at the terminals +U_d and -U_d.

The bridge supply takes place at the connections +U_s and -U_s.

Pin assignment



abbreviation	designation	Standard color code
+Us	+Excitation / positive bridge supply	brown / pink
--Us	-Excitation / negative bridge supply	white / gray
+Ud	+Signal / positive signal	green
-Ud	-Signal / negative signal	yellow

Technical specifications

Dimensions	14 mm x 14 mm x 3 mm
Resistance	350 or 120 Ohms
Resistance tolerance	±0,01%
Temperature coefficient	TK 1



Changelog

Version	Datum	Änderungen
lsp-qbcm.odt	25.05.08	First version
lsp-qbcm-v1.0.odt	14.12.18	Layout revised