



SICK AG  
www.sick.com

SICK  
Waldkirch SICK  
1946 SICK 50

10,000  
Waldkirch ( )

TRUMPF

ViP VCSEL 3D

Heiko Krebs  
3



"  
SPEEDTEC  
"  
SICK AG



VCSEL TRUMPF Photonic Components TRUMPF PhotonicComponents  
VP Ralph Gudde Heiko Krebs  
3 Gudde SICK VCSEL SMI  
20 VCSEL

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| Component | Relative Size (approx.) |
|-----------|-------------------------|
| TRUMPF    | 0.8                     |
| SICK      | 0.2                     |
| SPEETEC   | 0.1                     |
| FPGA      | 0.05                    |
| 10        | 0.02                    |
| 4         | 0.01                    |
| 0.1       | 0.005                   |
| Krebs     | 0.002                   |



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Krebs  
 TRUMPF  
 Photonic Components  
 Gudde  
 SICK

Krebs   
 SPEETEC 

