

**Messmittelliste**

| Bezeichnung           | Hersteller | Typ               |
|-----------------------|------------|-------------------|
| Spannungsquelle       | Instek     | GPQ-3020D         |
| Oszilloskop           | HP         | Infinium 1.5GHz   |
| Tekprobe Power Supply | Tektronix  | 1103              |
| Funktionsgenerator    | Agilent    | 33250A            |
| Funktionsgenerator    | HP         | 33120A (IA FG004) |
| Multimeter            | Fluke      | 117               |

**Stückliste**

| Bezeichnung             | Hersteller        | Typ             | Lieferant  | Artikelnummer        |
|-------------------------|-------------------|-----------------|------------|----------------------|
| Photodiode              | Osram             | SFH2701         | Mouser     | 720-SFH2701          |
| Photodiode              | Osram             | SFH203          | Mouser     | 720-SFH203FA         |
| Photodiode              | Hamamatsu         | S5972           | Farnell    | 1495573              |
| Komparator              | Analog Devices    | LTC6752         | Mouser     | 584-LTC6752IMS8-2PBF |
| Transimpedanzverstärker | Analog Devices    | LTC6268         | Mouser     | 584-C6268IS6-10TMPF  |
| Infrarot-Emitter        | Osram             | SFH4235         | Mouser     | 720-SFH4235          |
| Gate-Treiber            | Renesas           | ISL55110        | Mouser     | 968-ISL55110IVZ      |
| N-Kanal-Mosfet          | Infineon          | BSS316N         | Mouser     | 726-BSS316NH6327XT   |
| Z-Diode 13V             | Vishay            | BZD27C13P       | Mouser     | 78-BZD27C13P-HE3-08  |
| Z-Diode 3.3V            | ON Semi           | SZBZX84C3V3     | Mouser     | 863-SZBZX84C3V3ET1G  |
| Buffer-OpAmp            | Texas Instruments | LM7321          | Mouser     | 926-LM7321MFX/NOPB   |
| Kondensator             | TDK               | B43544          | Farnell    | 2750296              |
| Treiber                 | Micrel            | MIC4423         | Farnell    | 2510125              |
| Mosfet                  | Infineon          | IPB065N15N3 G   | Farnell    | 2443380              |
| Schottky-Diode          | Vishay            | MB10H100HE3_A/I | Mouser     | 78-MB10H100HE3_A/I   |
| Ferrit-Schalenkern      | Blinzinger        | P70/14,5        | BLINZINGER |                      |
| Kupferdraht             | Block             | CUL 500/1,50    | Reichelt   | CUL 500/1,50         |