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Product Info:

| | | | | |
|--------------------------------------|---|---|---|---|
| Image: |  |  |  |  |
| Select All: <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Mouser Part No: | 720-SFH4770S | 997-L11G085000000 | 997-L11G094000000 | 720-SFH4775S |
| Mfr.'s Part No: | SFH 4770S | L11G-0850000000000 | L11G-0940000000000 | SFH 4775S |
| Manufacturer: | Osram Opto Semiconductor | Lumileds | Lumileds | Osram Opto Semiconductor |
| Description: | Infrared Emitters - High Power Infrared SYNIOS | Infrared Emitters - High Power LUXEON IR 2720 850nm | Infrared Emitters - High Power LUXEON IR 2720 940nm | Infrared Emitters - High Power Infrared, 940nm SYNIOS |
| Lifecycle: | - | New Product | New Product | New Product |
| Datasheet: | Datasheet | Datasheet | Datasheet | Datasheet |
| RoHS: |  Details |  Details |  Details |  Details |

Specifications

| | | | | |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Illumination Colour: | Infrared | Infrared | Infrared | Infrared |
| Package/Case: | SMD-2 | 1108 (2720 metric) | 1108 (2720 metric) | SMD-2 |
| Packaging: | Cut TapeMouseReelReel | Cut TapeReel | Cut TapeReel | Cut TapeMouseReelReel |
| Power Rating: | 5.8 W | - | - | 5.8 W |
| Series: | SYNIOS P2720 | - | - | - |
| Wavelength: | 850 nm | 850 nm | 940 nm | 940 nm |
| Beam Angle: | 120 deg | 120 deg | 120 deg | 120 deg |
| Brand: | OSRAM Opto Semiconductors | Lumileds | Lumileds | OSRAM Opto Semiconductors |
| Mounting Style: | SMD/SMT | SMD/SMT | SMD/SMT | SMD/SMT |
| Viewing Angle: | 120 deg | - | - | 120 deg |
| Fall Time: | 14 ns | 16 ns | 16 ns | 14 ns |
| If - Forward Current: | 1 A | 1 A | 1 A | 1 A |
| Maximum Operating Temperature: | + 100 C | + 105 C | + 105 C | + 100 C |
| Minimum Operating Temperature: | - 40 C | - 40 C | - 40 C | - 40 C |
| Moisture Sensitive: | Yes | Yes | Yes | Yes |
| Product Type: | IR Emitters (IR LEDs) | IR Emitters (IR LEDs) | IR Emitters (IR LEDs) | IR Emitters (IR LEDs) |
| Radiant Intensity: | 370 mW/sr | 425 mW/sr | 408 mW/sr | 360 mW/sr |
| Rise Time: | 11 ns | 12 ns | 12 ns | 11 ns |
| Standard Pack Qty: | 2000 | 1000 | 1000 | 2000 |
| Subcategory: | Infrared Data Communications | Infrared Data Communications | Infrared Data Communications | Infrared Data Communications |
| Vf - Forward Voltage: | 3.2 V | 3.35 V | 3.35 V | 2.8 V |
| Part # Aliases: | Q65111A9246 | | | Q65112A7448 |

Ordering Information

| | | | | |
|--------------------|--|--|--|--|
| Stock: | 11.728 Can Dispatch Immediately, | 1.749 Can Dispatch Immediately, | 1.991 Can Dispatch Immediately, | 2.183 Can Dispatch Immediately, |
| On Order: | 0 | 0 | 0 | 0 |
| Factory Lead Time: | 14 Weeks | 6 Weeks | 6 Weeks | 8 Weeks |
| Pricing: | <input type="radio"/> Cut Tape 1: 3,76 € 10: 3,14 € 25: 2,63 € 50: 2,51 € 100: 2,25 € 250: 1,90 € 500: 1,53 € | <input type="radio"/> Cut Tape 1: 2,52 € 10: 2,24 € 25: 1,66 € 50: 1,59 € 100: 1,45 € 250: 1,30 € 500: 1,17 € Reel of 1000 | <input type="radio"/> Cut Tape 1: 2,52 € 10: 2,24 € 25: 1,66 € 50: 1,59 € 100: 1,45 € 250: 1,30 € 500: 1,17 € Reel of 1000 | <input type="radio"/> Cut Tape 1: 3,76 € 10: 3,14 € 25: 2,63 € 50: 2,51 € 100: 2,25 € 250: 1,90 € 500: 1,53 € |

| | | | | |
|------|---|--|--|---|
| | <div>1.000: 1,48 €</div> <div><input type="radio"/> MouseReel™ Reel Service Fee 5,50 € Price will be calculated in basket.</div> <div><input type="radio"/> Full Reels of 2000</div> <div>To purchase full reel, order in multiples of 2000:</div> <div>2.000: 1,48 €</div> <div>Full Reel and Broken Reel Options</div> <div><input type="radio"/> Reel and Cut Tape</div> <div><input type="radio"/> Reel and MouseReel™</div> <div>Reel Service Fee 5,50 €</div> <div>MouseReel™ price is calculated in the basket. All MouseReel™ orders are non-returnable.</div> | <div>To purchase full reel, order in multiples of 1000:</div> <div>1.000: 1,06 €</div> | <div>To purchase full reel, order in multiples of 1000:</div> <div>1.000: 1,06 €</div> | <div>1.000: 1,48 €</div> <div><input type="radio"/> MouseReel™ Reel Service Fee 5,50 € Price will be calculated in basket.</div> <div><input type="radio"/> Full Reels of 2000</div> <div>To purchase full reel, order in multiples of 2000:</div> <div>2.000: 1,48 €</div> <div>Full Reel and Broken Reel Options</div> <div><input type="radio"/> Reel and Cut Tape</div> <div><input type="radio"/> Reel and MouseReel™</div> <div>Reel Service Fee 5,50 €</div> <div>MouseReel™ price is calculated in the basket. All MouseReel™ orders are non-returnable.</div> |
| Buy: | Qty: <input type="text"/> | Qty: <input type="text"/> | Qty: <input type="text"/> | Qty: <input type="text"/> |

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