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Opto Semiconductors

15.01.2021

OS-IN-2021-004
Update of Data Sheets for OSCONIQ® P 3030

Objective	Update of Ordering Information and Wavelength Groups in the Data Sheets
Products affected	GB QSSPA1.13 GV QSSPA1.13 GT QSSPA1.13 GA QSSPA1.23 GR QSSPA1.23
Background	▪ Standardize to 5nm binning range on OSCONIQ® P 3030 for architainment applications ▪ Update of Ordering Information binning descriptions
Realization	Please refer to 1_cip_OS-IN-2021-004
Time Schedule	New data sheets available 15th Jan 2021 onwards Start of delivery for new binning* 2nd Feb 2021 (DC2105) *(*Note: Possible co-exist of old and new date code / binning descriptions during delivery.)*
Assessment	No change in fit, form, function and reliability of the LED.

Please direct your inquiry to your local Sales office.

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Customer Information Package

OS QM CQM ICI PEN | 15.01.2021

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OS-IN-2021-004
Overview

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Update of Data Sheets for OSCONIQ® P 3030

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1. Background

- **Standardize to 5nm binning range on OSCONIQ® P 3030 for architainment applications**

- **Update of Ordering Information binning descriptions**

Assessement:

No change in fit, form, function and reliability of the LED.

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2. Affected Products

- GB QSSPA1.13
- GV QSSPA1.13
- GT QSSPA1.13
- GA QSSPA1.23
- GR QSSPA1.23

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3.1 GB QSSPA1.13:

Status	Ordering Information	Wavelength Groups
Current	**Ordering Information** Type: GB QSSPA1.13-HYJX-35-1 Luminous Flux [1] I_F = 350 mA Φ_V: 33.0 ... 52.0 lm Ordering Code: Q65112A8533	**Wavelength Groups** Group 3: Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 464 nm; max. λ_{dom}: 468 nm Group 4: 468 nm; 472 nm Group 5: 472 nm; 476 nm
New	**Ordering Information** Type: GB QSSPA1.13-HYJX-B1B4-1 Luminous Flux [1] I_F = 350 mA Φ_V: 33.0 ... 52.0 lm Ordering Code: Q65112A8533	**Wavelength Groups** Group B1: Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 460 nm; max. λ_{dom}: 465 nm Group B2: 465 nm; 470 nm Group B3: 470 nm; 475 nm Group B4: 475 nm; 480 nm

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Update of Data Sheets for OSCONIQ® P 3030

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3.2 GV QSSPA1.13:

Status	Ordering Information	Wavelength Groups
Current	**Ordering Information** Type: GV QSSPA1.13-JZKZ-27-1 Luminous Flux [1] I_F = 350 mA Φ_V: 61 ... 112 lm Ordering Code: Q65112A9486	**Wavelength Groups** Group 2: Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 480 nm; max. λ_{dom}: 484 nm Group 3: 484 nm; 488 nm Group 4: 488 nm; 492 nm Group 5: 492 nm; 496 nm Group 6: 496 nm; 500 nm Group 7: 500 nm; 504 nm
New	**Ordering Information** Type: GV QSSPA1.13-JZKZ-V1V6-1 Luminous Flux [1] I_F = 350 mA Φ_V: 61 ... 112 lm Ordering Code: Q65112A9486	**Wavelength Groups** Group V1: Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 480 nm; max. λ_{dom}: 485 nm Group V2: 485 nm; 490 nm Group V3: 490 nm; 495 nm Group V4: 495 nm; 500 nm Group V5: 500 nm; 505 nm Group V6: 505 nm; 510 nm

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3.3 GT QSSPA1.13:

Status	Ordering Information	Wavelength Groups
Current	**Ordering Information** Type: GT QSSPA1.13-LSLU-26-1 Luminous Flux [1] I_F = 350 mA Φ_V: 140.0 ... 224.0 lm Ordering Code: Q65112A8491	**Wavelength Groups** Group 2: Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 513 nm; max. λ_{dom}: 519 nm Group 3: 519 nm – 525 nm Group 4: 525 nm – 531 nm Group 5: 531 nm – 537 nm Group 6: 537 nm – 543 nm
New	**Ordering Information** Type: GT QSSPA1.13-LSLU-T1T6-1 Luminous Flux [1] I_F = 350 mA Φ_V: 140.0 ... 224.0 lm Ordering Code: Q65112A8491	**Wavelength Groups** Group T1: Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 510 nm; max. λ_{dom}: 515 nm Group T2: 515 nm – 520 nm Group T3: 520 nm – 525 nm Group T4: 525 nm – 530 nm Group T5: 530 nm – 535 nm Group T6: 540 nm – 545 nm

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3.4 GA QSSPA1.23:

Status	Ordering Information	Wavelength Groups
Current	**Ordering Information** Type / Luminous Flux [1] I_F = 350 mA Φ_v / Ordering Code GA QSSPA1.23-KSKU-W3-1 — 89.2 ... 112.0 lm — Q65112A9166 GA QSSPA1.23-KTLP-W3-1 — 97.0 ... 121.0 lm — Q65113A1868	**Wavelength Groups** Group / Dominant Wavelength [3] I_F = 350 mA min. λ_{dom} / Dominant Wavelength [3] I_F = 350 mA max. λ_{dom} W — 609 nm — 612 nm 2 — 612 nm — 616 nm 3 — 616 nm — 620 nm
New	**Ordering Information** Type / Luminous Flux [1] I_F = 350 mA Φ_v / Ordering Code GA QSSPA1.23-KSKU-A3A5-1 — 89.2 ... 112.0 lm — Q65112A9166 GA QSSPA1.23-KTLP-A3A5-1 — 97.0 ... 121.0 lm — Q65113A1868	**Wavelength Groups** Group / Dominant Wavelength [3] I_F = 350 mA min. λ_{dom} / Dominant Wavelength [3] I_F = 350 mA max. λ_{dom} A3 — 605 nm — 610 nm A4 — 610 nm — 615 nm A5 — 615 nm — 620 nm

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3.5 GR QSSPA1.23:

Status	Ordering Information	Wavelength Groups
Current	**Ordering Information** Type: GR QSSPA1.23-KPKR-1-1 — Luminous Flux [1] I_F = 350 mA Φ_v: 71.0 ... 89.2 lm — Ordering Code: Q65112A8490 Type: GR QSSPA1.23-KQKS-1-1 — Luminous Flux [1] I_F = 350 mA Φ_v: 76.3 ... 97.0 lm — Ordering Code: Q65113A2040	**Wavelength Groups** Group: 1 — Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 620 nm — Dominant Wavelength [3] I_F = 350 mA max. λ_{dom}: 632 nm
New	**Ordering Information** Type: GR QSSPA1.23-KPKR-R1R3-1 — Luminous Flux [1] I_F = 350 mA Φ_v: 71.0 ... 89.2 lm — Ordering Code: Q65112A8490 Type: GR QSSPA1.23-KQKS-R1R3-1 — Luminous Flux [1] I_F = 350 mA Φ_v: 76.3 ... 97.0 lm — Ordering Code: Q65113A2040	**Wavelength Groups** Group: R1 — Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 620 nm — Dominant Wavelength [3] I_F = 350 mA max. λ_{dom}: 625 nm Group: R2 — Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 625 nm — Dominant Wavelength [3] I_F = 350 mA max. λ_{dom}: 630 nm Group: R3 — Dominant Wavelength [3] I_F = 350 mA min. λ_{dom}: 630 nm — Dominant Wavelength [3] I_F = 350 mA max. λ_{dom}: 635 nm

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4. Time Schedule

- New data sheets available 15th Jan 2021 onwards

- Start of delivery for new binning* 2nd Feb 2021 (DC2105)
  *(*Note: Possible co-exist of old and new date code / binning descriptions during delivery.)*

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Thank you.

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