

Quotation

Hamamatsu Photonics Swiss Office - Dornacherplatz 7 - 4500 Solothurn

Quotation No: H16511
Quotation Date: 13.04.17
Revision No: 2

Customer No: HPBS000447
Your Contact: Marko Gerhart Dragicevic
Your Phone: +41 22 76 74592
Your Fax:
RFQ No:

Sales Contact: Metzger Marius
Department:
Phone: +41 32 625 60 63
Fax: +41 32 625 60 61
E-Mail: marius.metzger@hamamatsu.ch

Mr Marko Gerhart Dragicevic
CERN
PH/UCM
Bld. 12 / R-011
Meyrin
1211 Genève 23
SWITZERLAND

Page 1/2

Dear Mr Dragicevic,

Please find hereafter your requested quotation:

BALL PARK PRICE

Pos.	Part No. Description	Quantity [pcs]	Unit Price JPY	Net Amount JPY
1.1	NRE COST NRE Cost for mask of strip sensor for CMS tracker (Note1), AC coupled wafer	1	8'750'000.00	8'750'000.00
1.2	WAFER 6 inch wafer, ddFZ, 320 physical, 200um active thickness (Note1), AC coupled wafer	11000	91'500.00	1'006'500'000.00
1.3	NRE COST NRE Cost for mask for macro-pixel sensor for CMS tracker (Note2), DC coupled wafer	1	5'625'000.00	5'625'000.00
1.4	WAFER 6 inch wafer, ddFZ, 320 physical, 200um active thickness (Note2), DC coupled wafer	1600	66'250.00	106'000'000.00
Total amount				1'126'875'000.00
Total exclusive of Tax				1'126'875'000.00

HAMAMATSU PHOTONICS SWISS OFFICE

Adresse:
Dornacherplatz 7
4500 Solothurn - Switzerland
Tel: +41 32 625 60 60
Fax: +41 32 625 60 61
Web: www.hamamatsu.ch

Bankverbindungen
Credit Suisse | BIC: CRESCHZ80A
IBAN: CH76 0483 5025 6914 2100 0 (CHF)
IBAN: CH42 0483 5025 6914 2200 0 (JPY)
IBAN: CH85 0483 5025 6914 2200 2 (EUR)
CHE-107.728.480 MWST

Quotation

Quotation No: H16511
Quotation Date: 13.04.17
Revision No: 2

Customer No: HPBS000447
Your Contact: Marko Gerhart Dragicevic
RFQ No:

Page 2/2

NOTE 1

Assuming specifications as in the Technical Description document of the Market Survey MS-4086, but including all changes suggested in Question 11 of Hamamatsu's reply to the Technical Questionnaire of the Market Survey.

Wafer content : 1x2S or 2xPS-s strip sensor + test structures; dicing included

Additional value with following price increase (compared to quote H16095):

=> < 0.5 % bad strips per sensor (i/o < 1%) (+5% on piece price)

=> Measurement of Istrip and Rpoly on each strip (+15% on piece price)

NOTE 2

Assuming specifications as in the Technical Description document of the Market Survey MS-4086, but including all changes suggested in Question 11. of Hamamatsu's reply to the Technical Questionnaire of the Market Survey.

Wafer content: 2 PS-p macro-pixel sensors + test structures; dicing included

After rechecking, we can confirm that we can accept the original specs for bad pixel (i.e. < 0.2 % bad pixels per sensor), without price increase.

This means, as the summary for the macro-pixel sensor:

Since there is no testing of Istrip and Rpoly, and no price increase for bad pixel, we can stay with the same price as in quote H16095, also for the lower QTY of 1600pcs (compared to previously 3500pcs)

Quotation valid for: 30 days
Terms of Delivery: Free carrier Solothurn
Payment Terms: 30 days net

Pricing is exclusive of VAT.

This quotation is subject to our Standard Terms and Conditions of Sale. You can view them on our website at: www.hamamatsu.eu/gtc/ch

We hope that this quotation is of interest to you.

Yours faithfully

HAMAMATSU PHOTONICS SWISS OFFICE

Metzger Marius

HAMAMATSU PHOTONICS SWISS OFFICE

Adresse:
Domacherplatz 7
4500 Solothurn - Switzerland
Tel: +41 32 625 60 60
Fax: +41 32 625 60 61
Web: www.hamamatsu.ch

Bankverbindungen
Credit Suisse | BIC: CRESCHZ80A
IBAN: CH76 0483 5025 6914 2100 0 (CHF)
IBAN: CH42 0483 5025 6914 2200 0 (JPY)
IBAN: CH85 0483 5025 6914 2200 2 (EUR)
CHE-107.728.480 MWST