

EURECA Messtechnik GmbH

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Request for Customized Sensor Development

Your contact information:

EURECA Customer Number:

Company Name:

Department:

Last Name:

First Name:

Position / Job title:

Address:

Address, 2nd line:

Town:

Zip code:

State:

Country:

Phone:

Fax:

Email:

Commercial information:

available fundings for NRE:

\$M

M€

annual volume for series production:

(0 = no series production, e.g. scientific or aerospace applications)

target price per sensor at volume:

\$

€

Schedule:

time from now for first mechanical samples:

months

time from now for first prototypes:

months

time from now for pilot production:

months

time from now for series production:

months

EAR / ITER:

will the sensor be used for military:

yes

no

will the sensor be used for aerospace or satellite technology:

yes

no

Date:

Sign and Stamp:

Parameter	Minimum Requirements	Goal Requirements
fill factor:	%	%
quantum efficiency:		
@ 200nm:	%	%
@ 300nm:	%	%
@ 400nm:	%	%
@ 500nm:	%	%
@ 600nm:	%	%
@ 700nm:	%	%
@ 800nm:	%	%
@ 900nm:	%	%
@ 1µm:	%	%
sensitivity:	$\frac{V}{\mu J/cm^2}$	$\frac{V}{\mu J/cm^2}$
@ wavelength:	nm	nm
conversion gain:	$\mu V/e^-$	$\mu V/e^-$
anti blooming:	×	×
dynamic range:	dB	dB
SNR:	dB	dB
dark current:	pA/cm^2	pA/cm^2
@ temperature:	K	K
read noise:	e^-	e^-
@ temperature:	K	K
@ frame rate:	Hz	Hz
full well capacity:		
horizontal:	e^-	e^-
vertical:	e^-	e^-
charge transfer efficiency:		
horizontal:	%	%
vertical:	%	%
max. number of point defects:		
max. number of column defects:		
max. number of cluster defects:		