

**Disagree and commit.**

Jeff Bezos

## CEO's Note

Dear Reader

Well, I know that sometimes I'm on thin ice. Nevertheless, I venture out of cover again. I wonder how the world will get a little cooler again. Well, I don't mean weather-technically, but politically. It is incomprehensible to me that today we are seeing war mongering again, just like 80 years ago. How can it be that the same people who shut down nuclear power plants for environmental reasons and thus plunged a country into recession are now thinking out loud about a European nuclear bomb? I'm slowly but surely feeling like I'm in the wrong movie.

And worst of all, instead of talking to each other, they add more fuel to the fire. And everything is nicely packaged



in words like "our values", we are a "community of values" and so on. I really wonder what values are meant by this? Thousands die on the battlefields of this earth. Are these the values?

Here is my request to those in political responsibility: "Talk to each other and end the senseless wars!"

If one cannot agree to this, I propose an alternative to them, the do-gooders: If you don't think, talking is a good idea, take an olive shirt, fighting pants and jacket, a helmet, a rifle and go fighting. If you are not able to do so, send your children to the battlefield. I'm pretty sure, you don't...

Beat De Coi

## Expanded range of line imagers

Thanks to the ever increasing demand for our expanded [90x\\_range](#) of line imagers we have now made them available on [Digi-Key](#).

# DigiKey

Basically, the epc902, epc903, epc904 and epc905 are derived from the very successful epc901 line imager chip and are

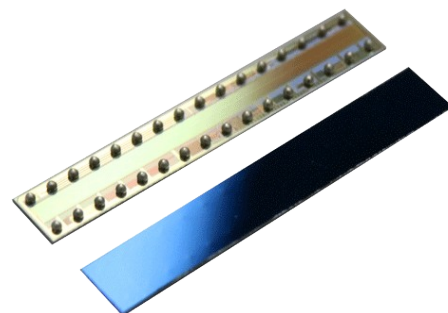
high-performance CCD line sensors, embedded in a CMOS framework. Thus, they are solid state CCD/CMOS imagers.

They offer higher speed and/or higher sensitivity compared to the epc901 chip. They also differ in terms of pixel pitch by either 7.5µm, 15µm or 30µm. All imagers have in common that they can store a total of up to 4 frames in the CCD frame store for ultra high-speed image acquisition. They all feature a high performance video amplifier (single ended/differential) analog output. Since the imagers are based on the same silicon as the epc901 chip, they are already proven in high volume.

The devices are rich in features: Pixel length of 120µm, gain selectable of 1, 2 or 4, readout direction l/r and r/l, single- or multi-frame acquisition, back-side illuminated CCD array with 100% fill factor, on-chip correlated-double sampling (CDS), 5-pin control interface and I2C bus interface. Internal clock source, single supply voltage, two on-chip temperature sensors, and extremely small CSP package.

The 90x series is ideal for the following applications:

- linear and rotary encoders
- triangulation light barrier
- distance measurement
- line sensor / camera
- surface scan
- multi-touch displays
- electronic white boards
- spectrometers
- bar code readers



CSP package 8x1.3x0.24mm

Contact us for further information [sales@espros.com](mailto:sales@espros.com) and also find the data sheet [here](#).

### What is your job at ESPROS?

I'm currently in my fourth apprenticeship year. And have gained so much experience and I am proud to have been given so much responsibility and flexibility so early on. My job is to maintain and advance IT operations at ESPROS.

### What do you most enjoy about your job?

IT remains a curious mixture of basics, that have changed little if at all over the past decade. But also there's an ever changing dynamic especially in terms of security. Whereby you have to keep up to date with the very latest in developments. The great thing about ESPROS is that we are small enough to know everyone and each department's individual needs. As the company has expanded over the past few years, the challenges of keeping everything running smoothly have grown. But I welcome these sort of 'challenges.'

### Where are you from and where do you live now?

I was born in Einsiedeln, central Switzerland but have lived in the beautiful Glarnerland for years.

### What do you like to do in your spare time?

I am a member of a floorball club and do weight training. I love taking part in electronic dance music events. Further, this year will be my first motorcycle season, something to which I'm really looking forward.

### If you could have a superpower, what would that be and why?

Well I don't know if I'd call it a superpower, but it's something I think is very difficult for many people and therefore I consider it a superpower in its own way.

I'd love to have the ability to rid myself of any and all negative inhibitions, the kind that hold us back in life.



Mewes with his new motorcycle

## Line imager demonstrator proves Crowd-puller at Photonics West

«We were thrilled with the amount of interest shown in our booth-centerpiece the demonstrator, highlighting how ESPROS' line imager technology offers industry-leading optical nanometer position sensing devices. It is yet another example of how our in-house, developed technology pushes new application boundaries», explains VP Sales & Marketing Christian Schiess. January saw ESPROS showcase its latest TOF based chips and modules at the Photonics West in San Francisco. Having returned home the sales team have plenty of work to do following up all the leads created. The demonstrator clearly showed the incredible capability ESPROS products have in this nanometer range.

Of course, ESPROS also had the entire range of chips and modules on display. Live demonstration of products is always the best way to show, that they are incredible solutions for many applications.

It also creates a 'WOW-effect' for the visitors. Photonics West remains one of the most important trade fairs for ESPROS.



Booth set-up for Photonics West 2024

You want to purchase our products? Check out on [Digi-Key](#) or get in touch with our [sales team](#).

epc

espros  
photonics  
corporation

**DigiKey**

**++ Be part of our team and click here for our current job opportunities ++**