



# KPS1042

**Product code:** KPS1042

**Manufacturer:** Kyosemi Corporation

## Features:

- 1mm x 4.2mm One dimensional PSD
- Visible light filtered epoxy mold
- Surface mount type

## Applications:

- Auto focusing
- Range finders
- Proximity sensors
- Displacement measuring

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Package                    | Surface mount                                              |
| Peak sens. wavelenght (nm) | 890                                                        |
| Responsivity (mA/W) @λ(nm) | 460 @ 850                                                  |
| Sensitive Area (mm)        | 1.0 x 4.2 (per 1ch)                                        |
| Typology                   | Silicon Photodiode Array & Position sensing detector (PSD) |