



Chips for Driver Monitoring System (DMS)

As driving automation level is getting higher, DMS is essential for driver safety. EPISTAR's powerful output chips make more accurate recognition even in volatile road conditions.

Features :

- 850 nm LED – with red glow for warning sign
- 940 nm LED – without red glow for concealment
- High-power LEDs give a precise recognition of driver's status

Product Type	ES-VASFDN42R	ES-VAUFDN42R	ES-VASFDN14R	ES-VAUFDN14R
Wd (nm)	840 ~ 870	925 ~ 955	840 ~ 870	925 ~ 955
Chip Size (mil)	42 x 42	42 x 42	14 x 14	14 x 14
Thickness (μm)	170	170	170	170
Power (mW)	1100 @ 1 A	1100 @ 1 A	90 @ 100 mA	90 @ 100 mA