

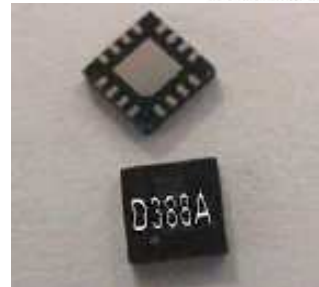
DRIVIC 60 SERIES DRIVIC 60 LL3

The DrivIC 60 Series provides developers and integrators with a set of driver solutions for the ARCTIC Series of variable focus lenses.

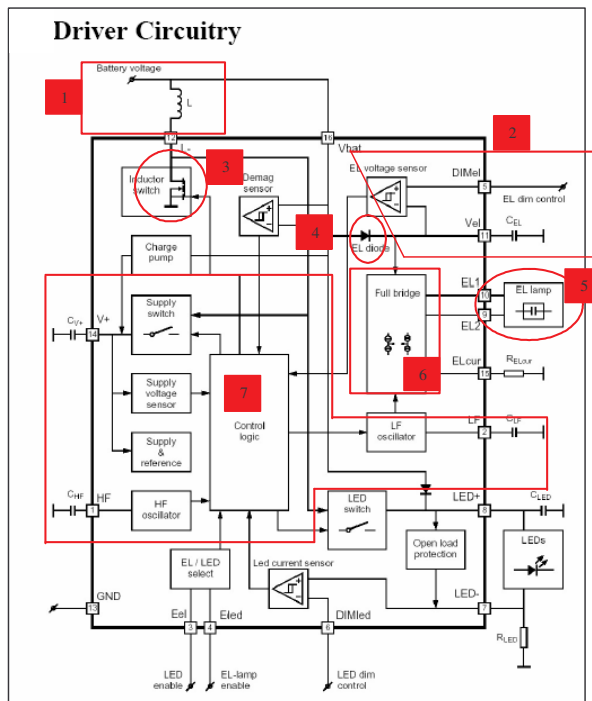
The DrivIC 60 LL3 solution is based on a step-up converter from Durel (<http://www.durel.com>), which is tuneable through an adjustable pin. Its H-bridge output can drive Varioptic's ARCTIC liquid lenses by supplying up to 60V_{RMS} into a capacitive load of 500pF maximum. The DrivIC 60 LL3 uses an external inductor and capacitor as part of the boost power supply. It can be shut down to conserve power in battery operation.



Durel Division



It is a very integrated solution, using a minimum number of components. This device relies on a proprietary circuit design for programmable wave-shaping of the high voltage AC output for low-noise performance in applications that are sensitive to audible and electrical noise.



Features

- IC driver for ARCTIC Liquid Lens
 - ARCTIC 416 Series
 - ARCTIC 320 Series
- 2.8 to 5.5v operation
- Low power
 - 10 mW focusing at ∞
 - 30 mW focusing at 5cm
 - 1 μ A at stand-by
- Small 4x4mm QFN in Lead-free (Pb-Free) Green Package
- Low BoM count Reference Designs

Applications

- Camera Phones
- Webcams
- BarCode Reader

