

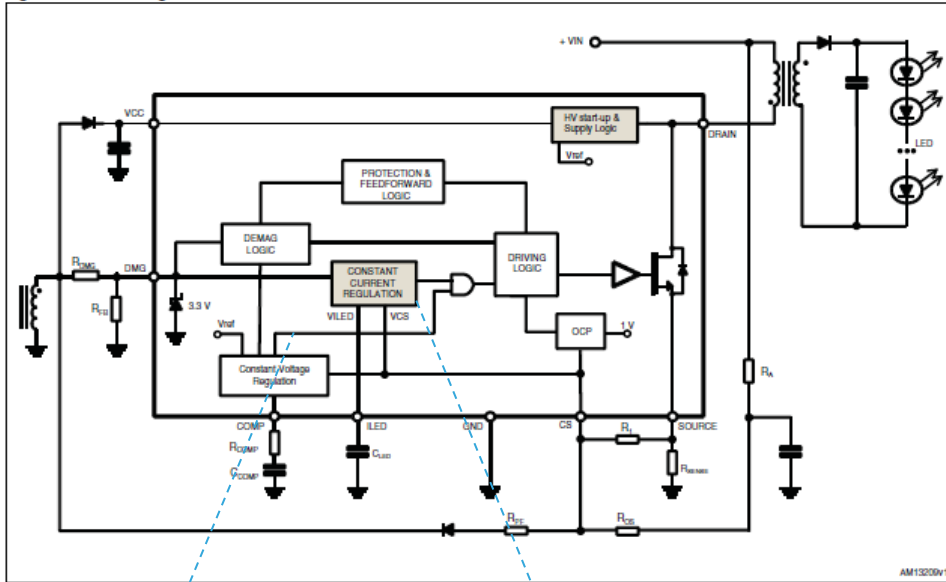
HVLED815PFTR

Current Sense Comparator

2

1.2 Block diagram

Figure 3. Block diagram

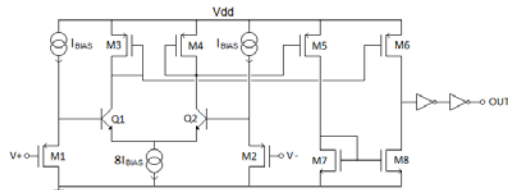


To further improve HVLED815PF current regulation accuracy over temperature, the bias current value of the current sense comparator has been reduced.

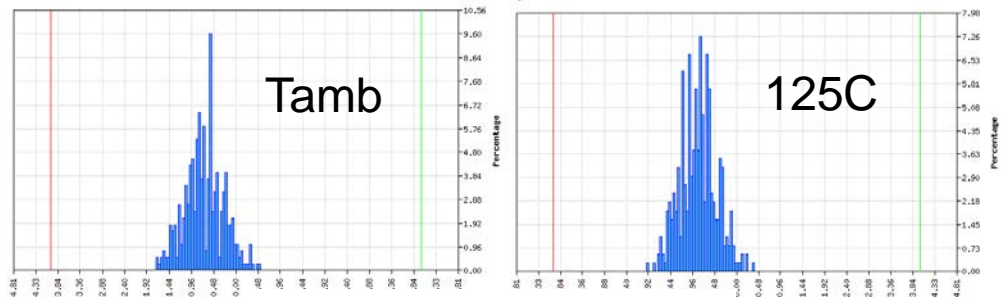
Dropping the internal bias current, the current comparator behaviour becomes extremely stable over wide temperature range. This results in a outstanding performance of HVLED815PF even in very high temperature applications .

The modification effects have been confirmed good both at parametric and application level.

Current Sense Comparator



Bias Current



Current Sense Comparator

HVLED815PF metal mask modification

WHAT is the change?

A minor modification has been introduced on the internal biasing of the current comparator of HVLED815PF:

Product Line	Commercial Product	Package description
MT6401	HVLED815PFTR	SO16N

The change will be identified by a new internal part number (Finished Goods) :

HVLED815PFTR-6/

WHY?

To improve the device current accuracy over temperature.

WHEN will this change occur?

The change is effective immediately after this PCI is published.

Customer samples are available starting from week 52, 2015.

HOW has the change been qualified?

Through successful results of the technical trials performed on the new Finished Goods.

IMPACTS of the Change

Form: none

Fit: none

Function: none