

FlyForward™ Extends Input Voltage Range in Flyforward converters

- **Forward transformer (T1) is shorted out when V_{in} reaches a lower threshold**
 - Increases voltage available for Flyback transformer and allows operation to continue to low input voltage – ideal when flyback is required to provide aux power when an input PFC stage is no operating for example
- **In example shown, 1t flyback winding coupled to D1, clamps reset voltage across primary of T1 when V_{in} drops, causing saturation of forward transformer**

