Efficiency and dimensions of Itacoil TRLEV2501 transformer (30-48V 130W) are much better than original. We can provide an PFC inductor - with the same characteristics as the original - optimized and smaller version (dimensions 2,34x2,33xh1,85 cm, cost -40% about, 93,8% board efficiency) - standard PFC inductor, usually in stock. Available every other inductive component.

TEST CONDITIONS
Test performed on STMicroelectronics® EVL130W-SL-EU demo-board, LLC resonant converter with PFC based on L6599AT-L6562AT. Original transformer replaced with Itacoil demo transformer TRLEV2501, mounted slightly raised from the PCB due to different pin layout. A window on PCB, under the transformer, is suggested to avoid cooling and creepage worsening.

BENEFITS OF TRANSFORMER DESIGN BY ITACOIL® PROPRIETARY SOFTWARE
- smaller and lighter components
- power loss and costs improvement
- best LLC stage efficiency
- first time success of your project