

S.Pietro di Feletto 06/05/2005

**SUBJECT : Changes on transmitter ERONE type SETR2641AM2**

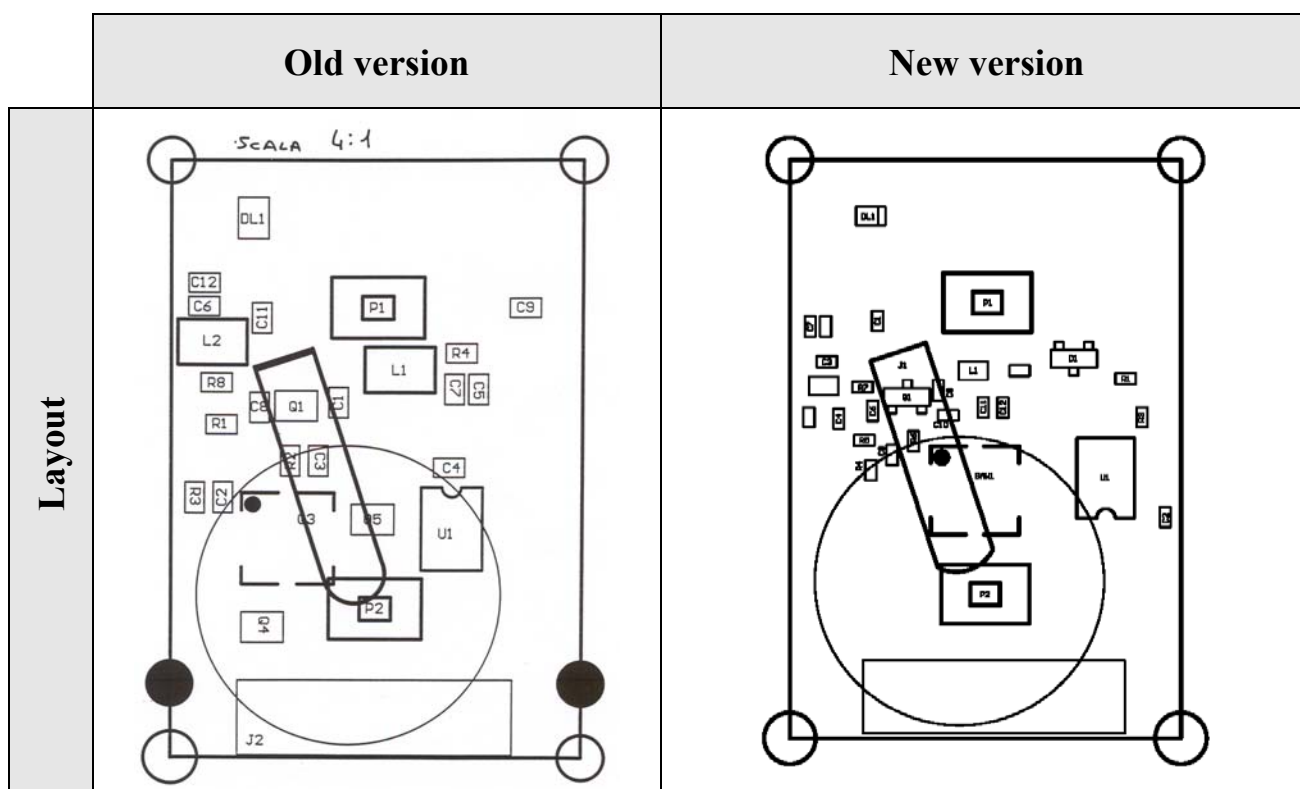
*The changement has involved only the microprocessor for cost reason, in order to realize a cost-effective product.*

The circuit of the transmitter ERONE type SETR2641AM2 has been changed with the following modifications:

- 1) the microprocessor has been changed from the type Microchip HCS 301 to the type Microchip PIC12F629;
  - 2) as consequence of this, has been changed the PCB of the transmitter, and the layout;
  - 3) the battery contact has been changed;
- ☐ The operating frequency has remained the same
  - ☐ The part of the printed board concerning the SAW resonator oscillator and the RF emission has remained the same.
  - ☐ The digital frame emitted has remained the same
  - ☐ The external aspect and the dimensions of the transmitter have remained the same

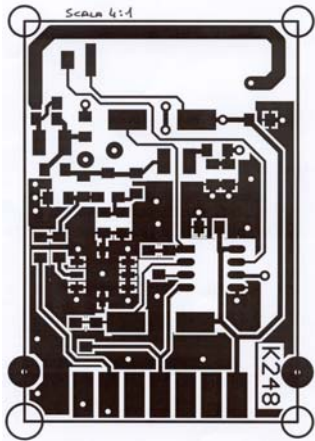
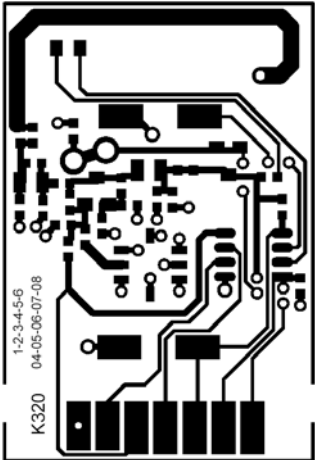
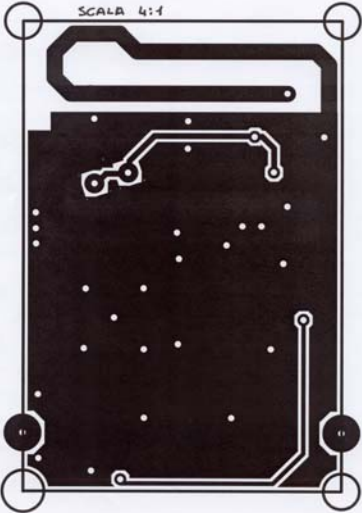
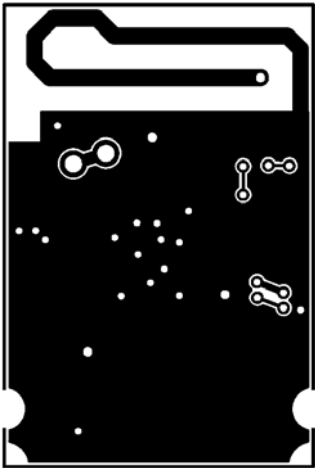
**1 DOCUMENT REFERENCE**

	Old version	New version
	TCF-025 Rev. 2 issued on 21/02/2002	TCF-086 Rev.0 issued on 26/04/2005

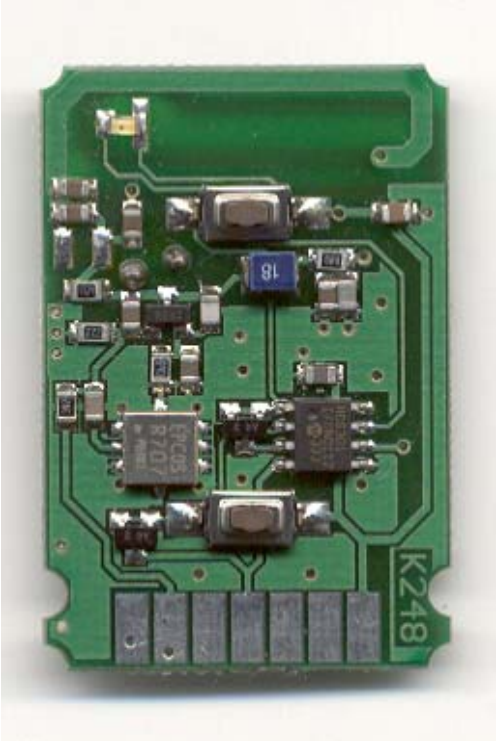
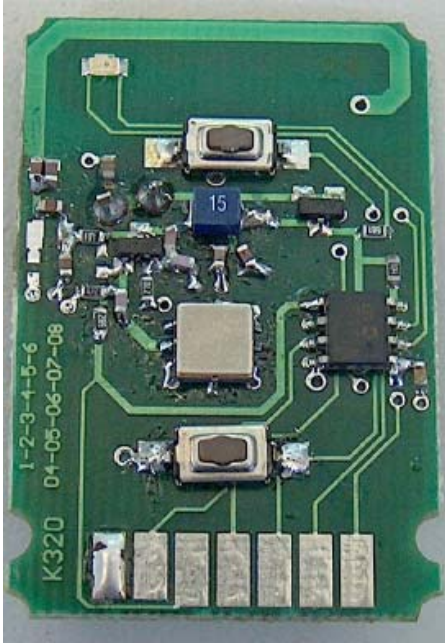
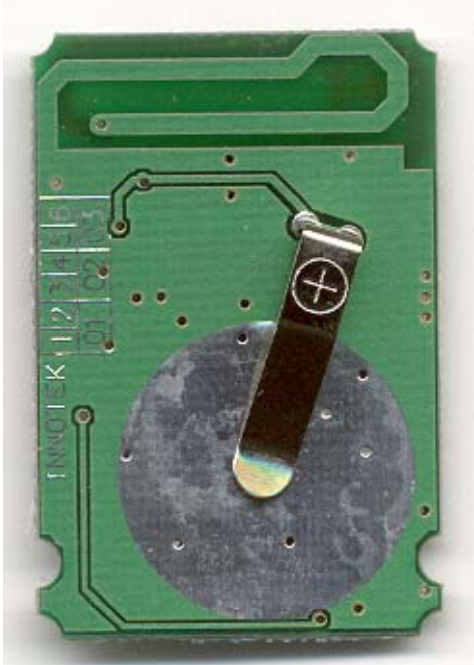
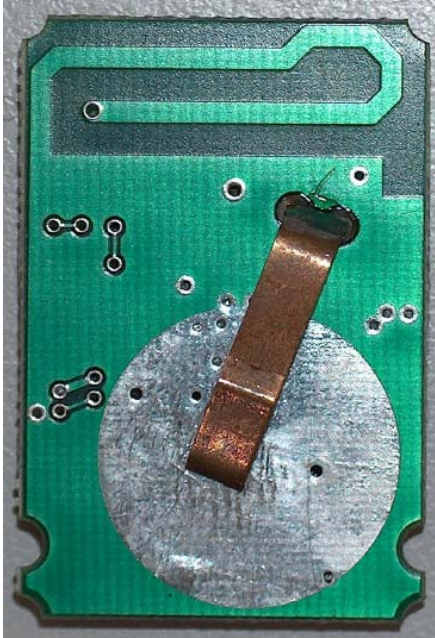
**2 INTERNAL LAYOUT**

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PCB

	Old version	New version
PCB side A	 The image shows the top layer (Side A) of an old PCB design. It features a complex layout of copper traces, pads, and vias. A scale indicator 'SCALE 4:1' is at the top. A component footprint is labeled 'K248' at the bottom right.	 The image shows the top layer (Side A) of a new PCB design. It has a different trace layout and includes a date and version code '1-2-3-4-5-6' and '04-05-06-07-08' on the left side. A component footprint is labeled 'K320' at the bottom left.
PCB side B	 The image shows the bottom layer (Side B) of the old PCB design. It features a complex layout of copper traces, pads, and vias. A scale indicator 'SCALE 4:1' is at the top.	 The image shows the bottom layer (Side B) of the new PCB design. It features a different trace layout and includes a date and version code '1-2-3-4-5-6' and '04-05-06-07-08' on the left side.

4 PHOTOS

	Old version	New version
PCB side A	 A photograph of the old version of the PCB side A. It shows a green printed circuit board with various electronic components including resistors, capacitors, and integrated circuits. A blue capacitor with the value '15' is visible. The board has a series of gold-plated contacts at the bottom. The text 'K248' is printed on the bottom right corner.	 A photograph of the new version of the PCB side A. It shows a similar green PCB but with different component placement and values. A blue capacitor with the value '15' is visible. The board has a series of gold-plated contacts at the bottom. The text 'K320' and '1-2-3-4-5-6 04-05-06-07-08' are printed on the left side.
PCB side B	 A photograph of the old version of the PCB side B. It shows a green PCB with a large circular silver pad in the center. A metal strip with a '+' sign is attached to the pad. The text 'INNOTEK 1123456 01 02 03' is printed on the left side.	 A photograph of the new version of the PCB side B. It shows a similar green PCB with a large circular silver pad in the center. A metal strip with a '+' sign is attached to the pad. The text 'INNOTEK 1123456 01 02 03' is printed on the left side.

Performed and approved by : Gian.Massimo Dalle Carbonare

