

S.Pietro di Feletto 06/05/2005

SUBJECT : Changes on transmitter ERONE type SETR2641AM2

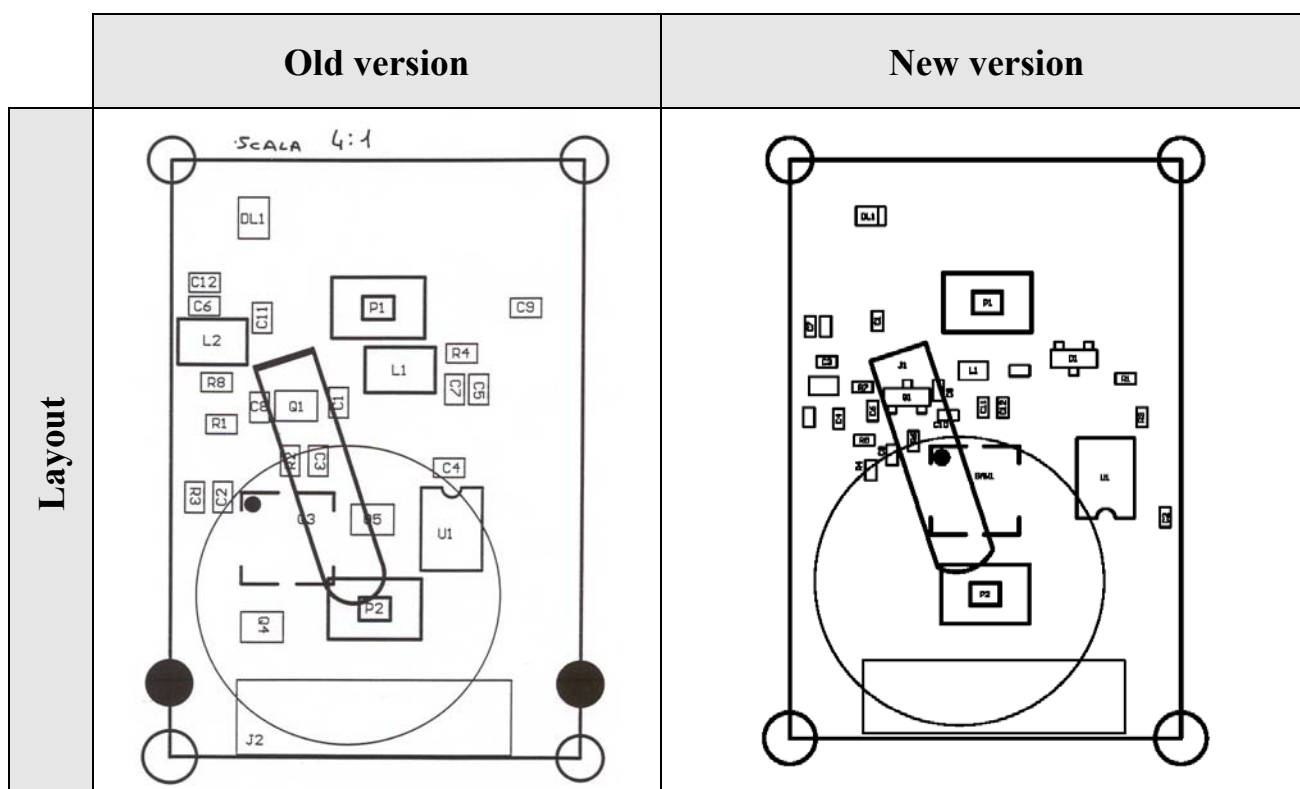
The changement has involved only the microprocessor for cost reason, in order to realize a cost-effective product.

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

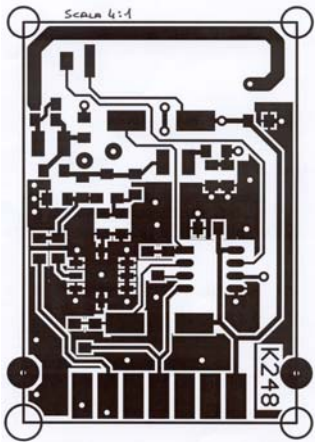
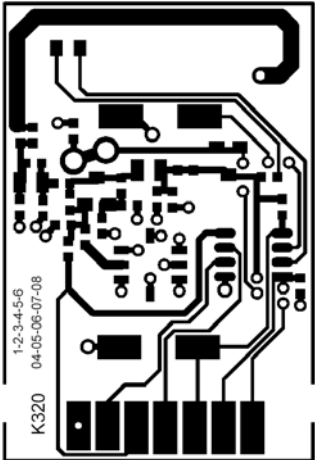
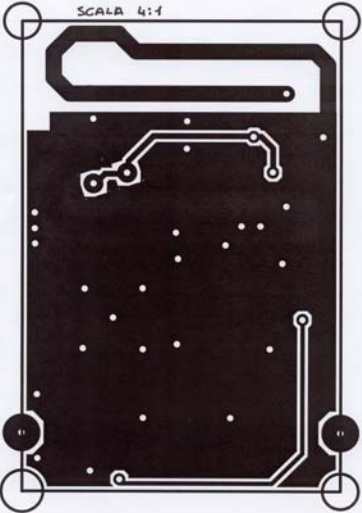
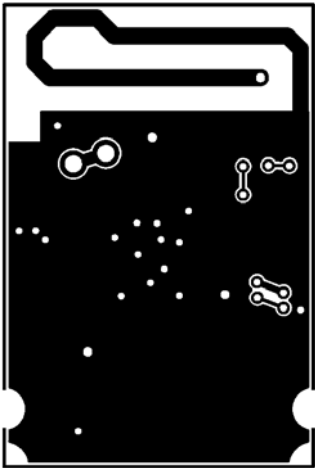
1 DOCUMENT REFERENCE

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

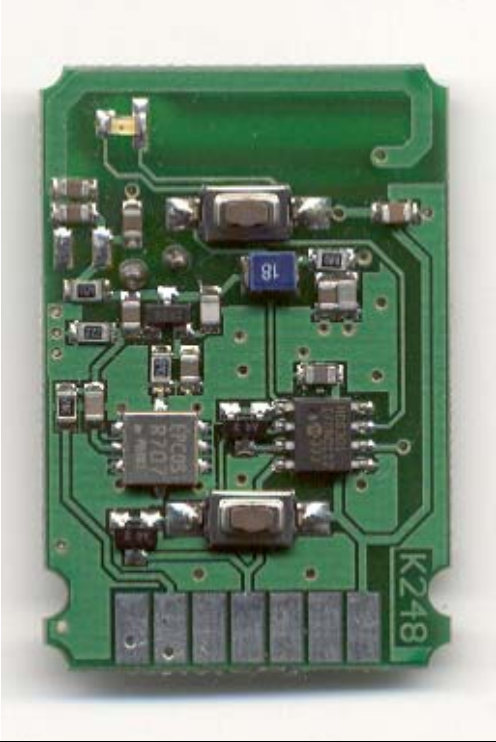
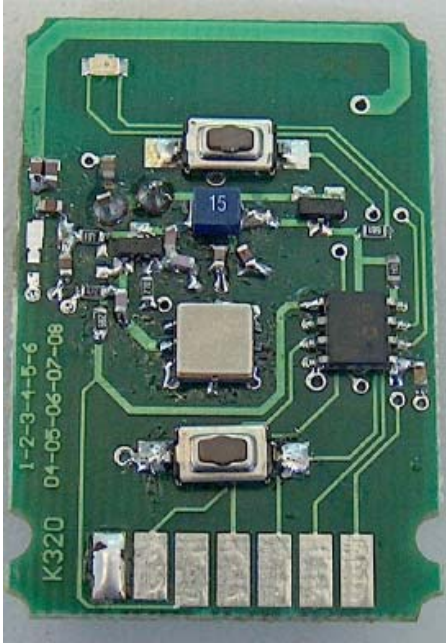
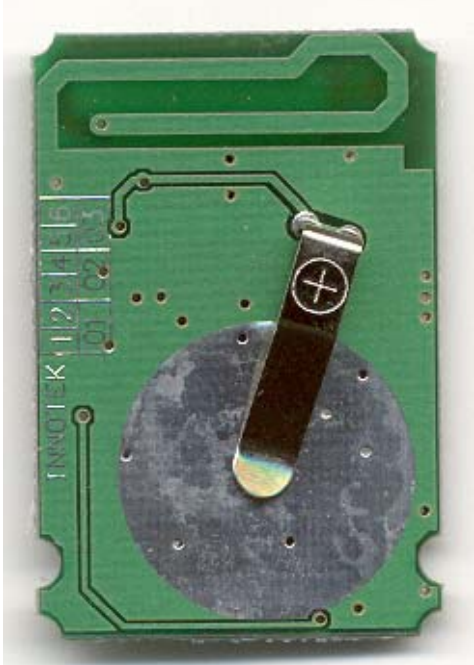
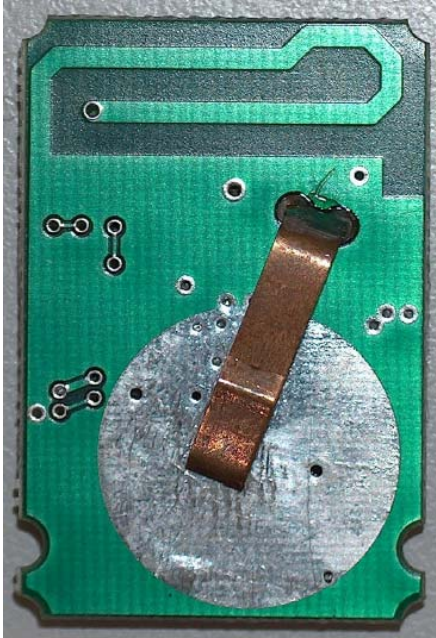
2 INTERNAL LAYOUT

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PCB

	Old version	New version
PCB side A	 The image shows the top layer (Side A) of an old PCB. 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. It has a different layout of traces and pads compared to the old version. A scale indicator '1:2-3-4-5-6' and a date '04-05-06-07-08' are on the left. 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. 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. It has a different layout of traces and pads compared to the old version.

4 PHOTOS

	Old version	New version
PCB side A	 A photograph of the old version of the PCB side A. It is 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 is 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 'K320' and '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 is a green printed circuit board with a large circular silver-colored pad in the center. A metal strip with a '+' symbol is attached to the pad. The text 'INNOTEK 1123456' is printed on the left side.	 A photograph of the new version of the PCB side B. It is a green printed circuit board with a large circular silver-colored pad in the center. A metal strip with a '+' symbol is attached to the pad. The text 'INNOTEK 1123456' is printed on the left side.

Performed and approved by : Gian.Massimo Dalle Carbonare

