



Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road
Columbia, MD 21046

Request for Class II Permissive Change

Manufacturer Name: **Whistler Group, Inc.**

Model Name: **PRO-649**

FCC ID: HSXSC01

Product Description: **200CH Handheld Radio Scanner**

Certification date: **April. 7, 2014**

We hereby declare that changed model is mechanically and technically identical to original model except as below

1. Change the Linear & Logic PCB layout (see the figure below)
2. The CPU is changed : Ref. no is **IC201**
(before) MN101C38CGP → (after) MN101EF29G
3. Parts are shortage.

It just list the main changed description to the following table.

But it does not impact to the radio parameter such as power, frequency range, modulation etc. And you can refer to the Product changed Description.

Description	Ref. no	Before	After
DC-DC Converter	IC2	TK11819MTL-G	AP3015A
Diode	D1, D16, D17, D18, D2	HVC306A-8TRF/TRU-E	BB664-02V
	D14, D15, D7, D8, D19	HVC308A-TRF-E	BB565-02V
	D10, D12, D20, D21, D22, D24, D25, D26, D3, D4, D5, D6, D9	HSC277-TRF-E	KDS114E
Voltage Regulator	IC8, IC9	TK11235CMCL-G	XC6209E/F352MR(-G)
	Q1	3SK131-(V11)T1/T2/T2B-A	BF908R
	Q3	3SK131-T2A-V13	BF908R
CHIP TRANSISTOR	Q4, Q5, Q6, Q7	2SC4250	2SC4250(TE85L/R,F)

We would like to certify the additional of certified FCC ID: HSXSC01 as a Class II Permissive Change in this device.

Sincerely,

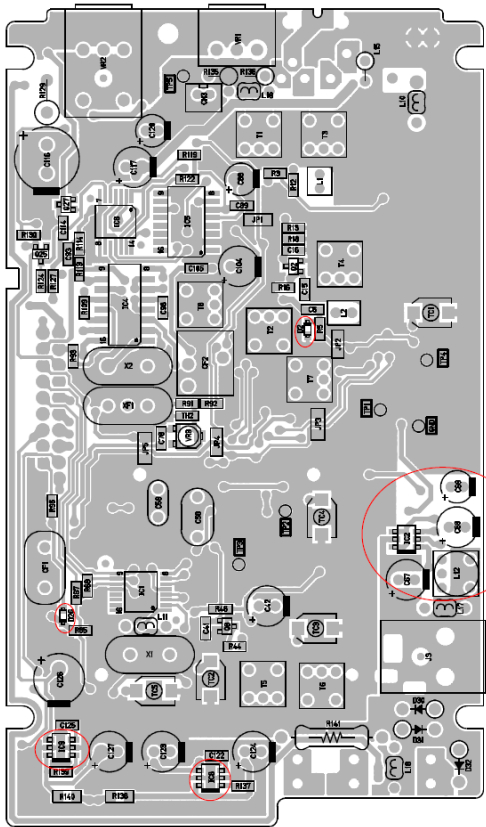
Best Regards

Michael A. Batten

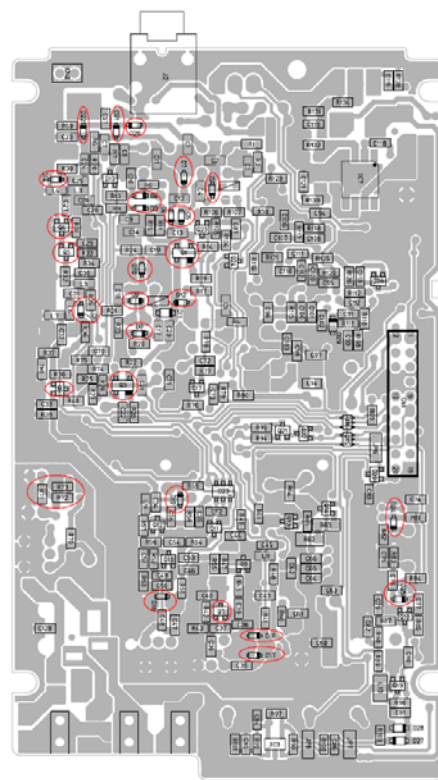
Senior Project Engineer

Original PCB Layout

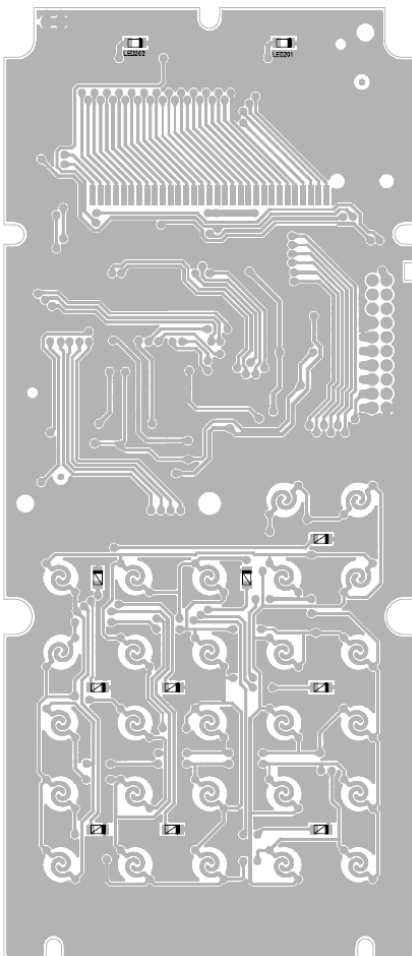
Linear PCB (Top View)



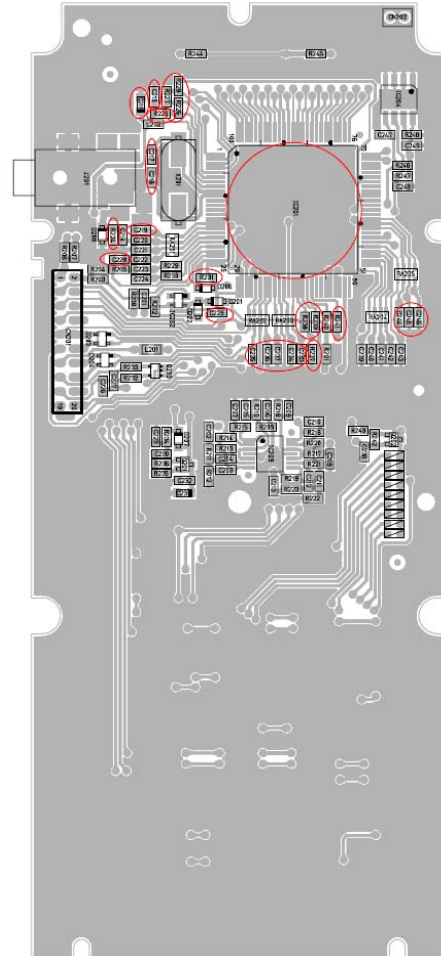
Linear PCB (Bottom View)



Logic PCB (Top View)

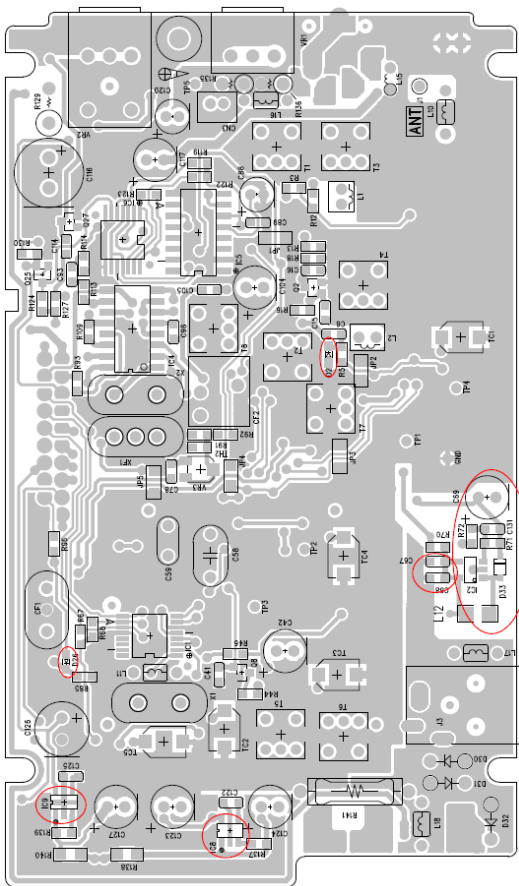


Logic PCB (Bottom View)

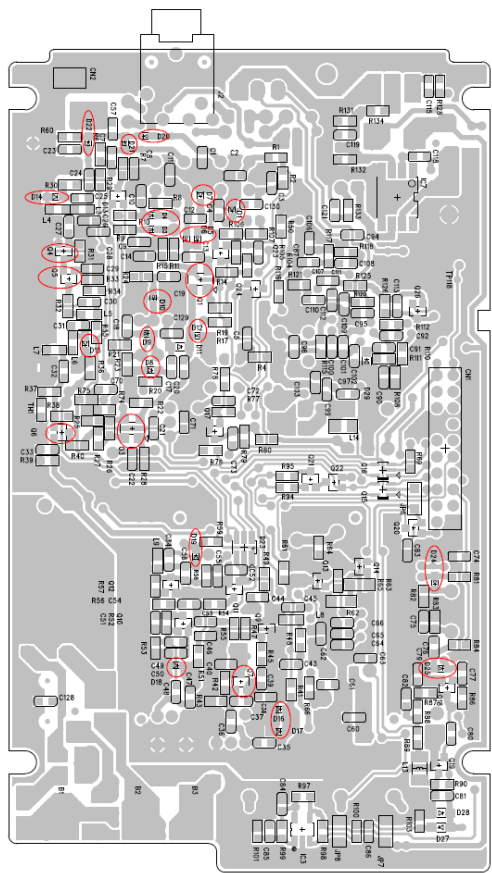


New PCB Layout

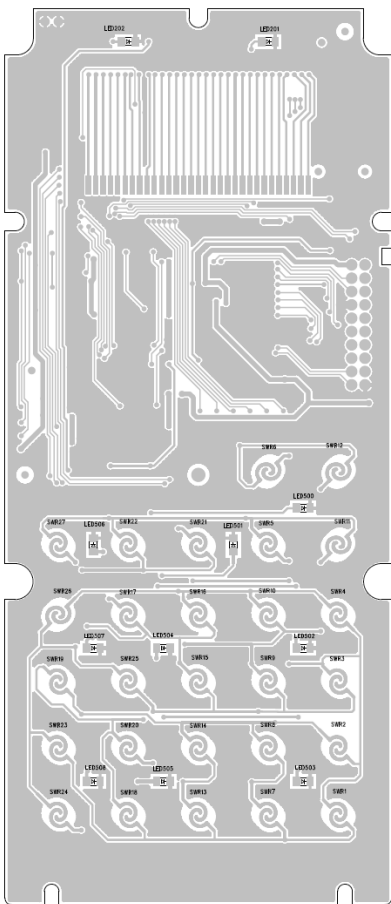
Linear PCB (Top View)



Linear PCB (Bottom View)



Logic PCB (Top View)



Logic PCB (Bottom View)

