

# Service tips

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**Reference no: SGW Failure**

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## **Affected models**

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Following models are affected by this service tips:

C16:4

C28:4

C48:4

C68:4

C88:4

All FP+ Series

PLM10000

PLM14000

## **Affected boards/modules**

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MIS130, SP130F.

## **Symptom**

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When the SGW's has failed there can in some cases cause other component failures which can be hard to find. This bulletin describes how to check and fix an amplifier that have been subjected for SGW failures.

## **Solution**

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- 1: Exchange the faulty SGW's.
- 2: If soft start resistor R2 on MIS130 is defect, exchange this.
- 3: Check 2R2 gate resistors R2 – R4.
- 4: Check D4 and Q4
- 5: Check so that the voltage regulation works normally. If not exchange U3 and C10 and also check PWMF1.
- 6: If above measures does not solve the problem, contact Lab.gruppen Service