

Technical Service Bulletin

Created by: Lab.gruppen AB Service Department

Date: 080924

Reference no: SGW Failure

Affected models

Following models are affected by this technical service bulletin:

FP 6000Q

FP 7000

FP 10000Q

FP 13000

Affected boards/modules

MIS130, SP130F.

Symptom

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

- 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 Department.

Note

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Part numbers

Model	Part number to be ordered
FP 6000Q	-
FP 7000	-
FP 10000Q	-
FP 13000	-

History

Date	Created By	Status	Bulletin no.	Comment
080924	PB	SHARP	4	