



ON Semiconductor®

HD335 Sensor Amplifier Conversion / Upgrade **WW29**

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rhp2017

ON Semiconductor®



POST MORTEM

Problem Description:
CONVERSION OF SENSOR AMPLIFIER

Machine Model :
HD-4100

Machine No:
HD335

Package :
225mil

1) Details of the Problem:

Frequent sort ready time over error

2) Containment Actions

	What	Who	When	Remarks
1	Check sensor amplifier condition and sensitivity	Nante / Gilbert	17.07.18	Done
2	Replaced sensor amplifier SS-AT1	Nante / Gilbert	17.07.18	Error still occur
3	Upgrade /convert sensor amplifier from SS-AT1 to SU-7 Panasonic on all unloader lanes	Nante / Gilbert	17.07.18	Done / RTP

3)Root cause analysis: worn out parts

Machine	Why1	Why2	Why3	Why4	Why5
	Sort ready time over error	Unable to detect the device by the sensor amplifier	Poor sensitivity / malfunction	obsolete parts	upgrade/con vert sensor amplifier to higher version

Outflow	Why1	Why2	Why3	Why4	Why5

Systemic Root cause

Why1	Why2	Why3	Why4	Why5

4)Pictures and Illustrations



BEFORE



AFTER

5) CAPA and Recommendations:

Permanent Solutions and Recommendation

	What	Who	When	Remarks
1	Upgrade / convert sensor amplifier from SS-AT1 to SU-7 Panasonic	Nante / Gilbert	17.07.18	Done

end

