

Description:

The AN-SGCNV is a 14 channel AD-card designed to operate together with the P906 transducers and Pt100/Pt1000 RTC's.

Key functions:

- Hitachi H8 micro controller
- 1 RS485 serial communication line.
- AD7715, 16 bits ad-converter.
- 14 input channels and two channels for calibration.
- 1 mA / 10 mA current generator.
- DS2430 interface from sensors.
- Self calibration.

Page references:

<1>	=	This pin drives the signal and is connected to page i.e. 1.
(1)	=	This signal is driven from a pin on page i.e. 1.
<>	=	This pin drives the signal and is connected to the current page.
()	=	This signal is driven from a pin on current page.
X	=	Not connected.

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Pages:

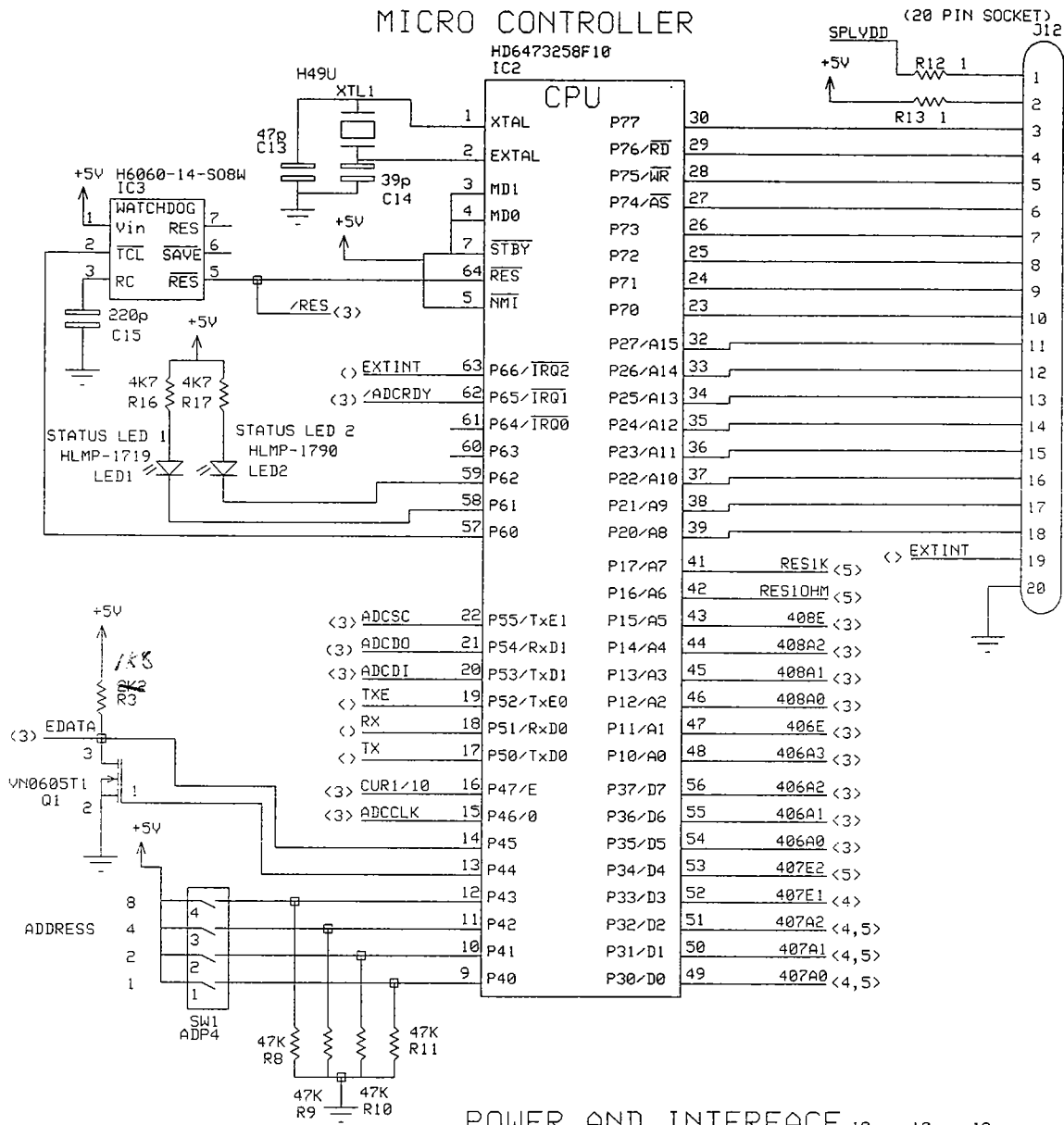
- 1: This page
- 2: Power supply and CPU
- 3: AD-converter and current generator
- 4: Channel 1 - 8
- 5: Channel 9 - 14 and calibration

RELEASE NOTES:

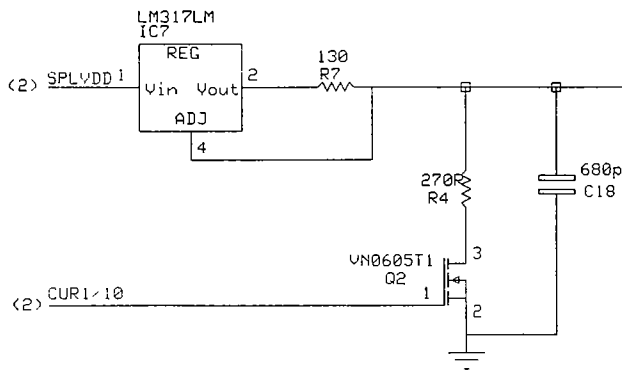
RELEASE 0: 1-AUG-96 FIRST RELEASE
RELEASE 1: 1-JAN-97 CHANGED LAYOUT IC4, NEW R19-24

	DATE / CHECKED	CONSTR. AST	DRAWN AST	PAGE 1 OF 5
ARISTON Norway PORSGRUNN NORWAY	AN-SGCNV			REV. 1a DATE 1-JAN-97 DWG. NO. AN4-SPCB0-08

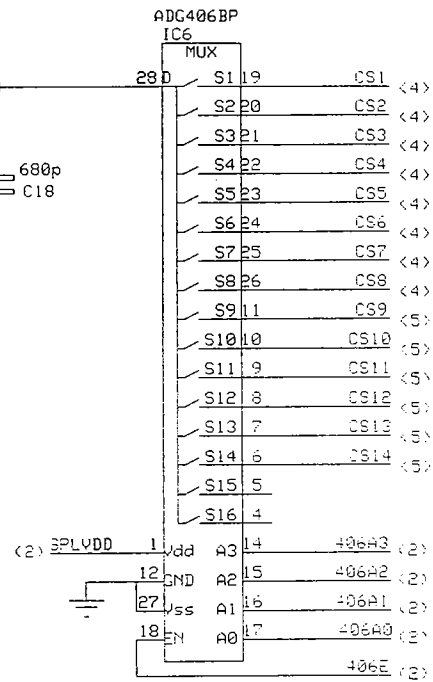
MICRO CONTROLLER



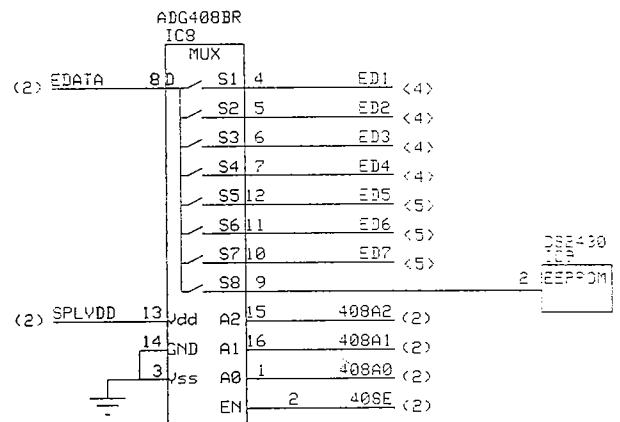
CURRENT SOURCE



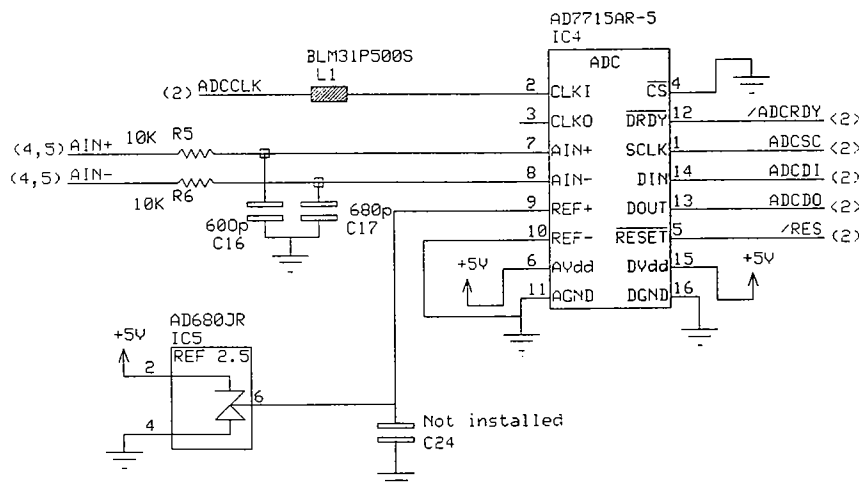
CURRENT SWITCH



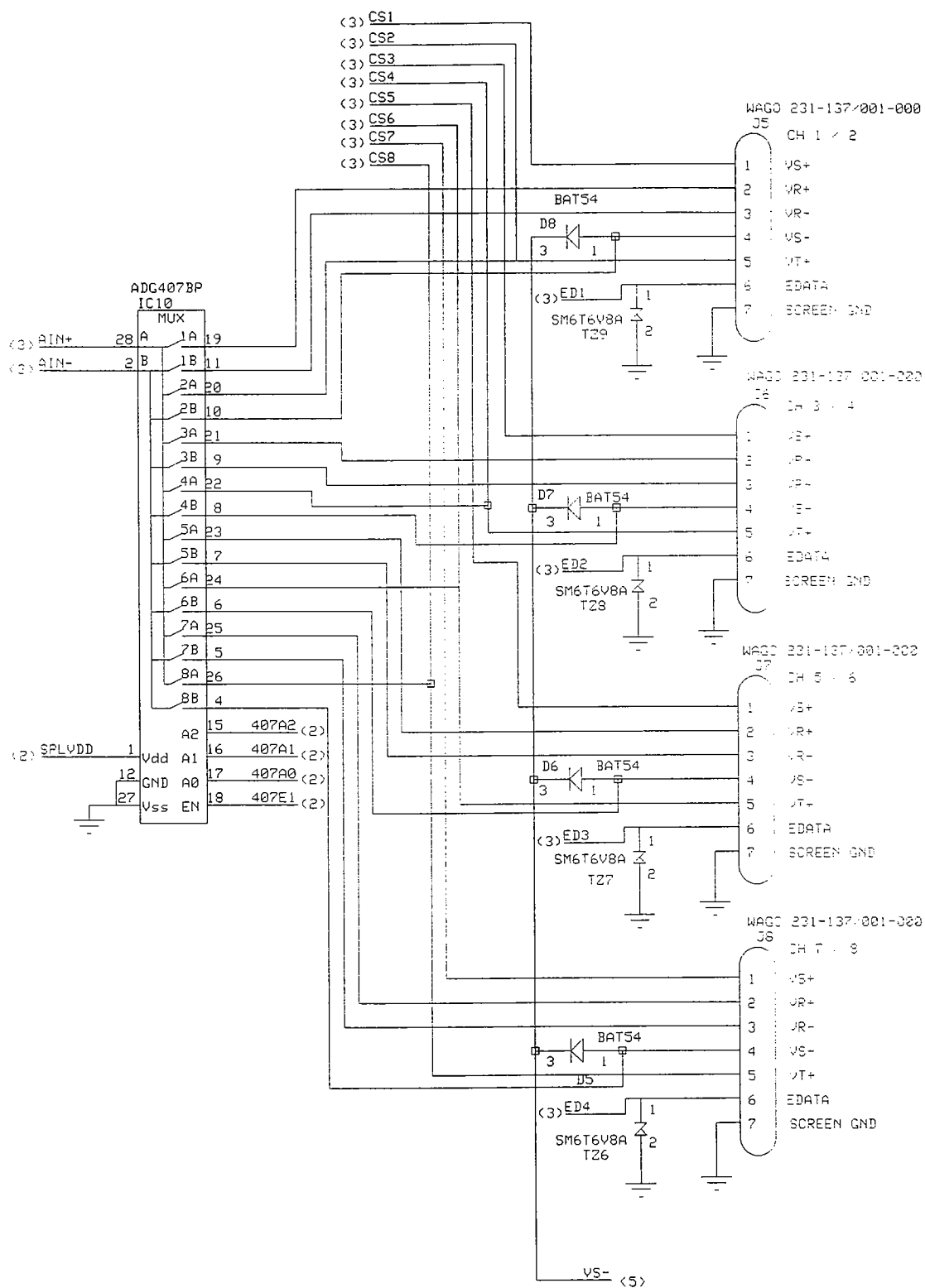
EPROM SELECTOR



AD-CONVERTER



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