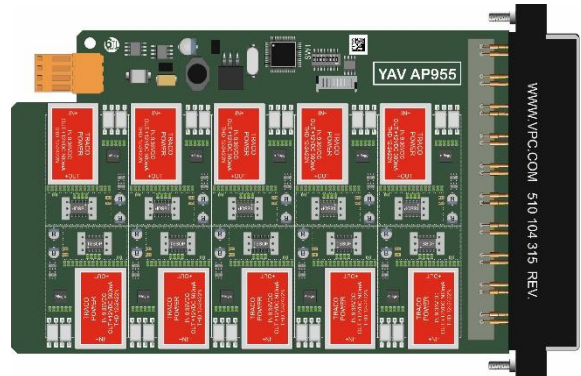


Features and benefits

- 24V_{DC} power input (Up to 4A)
- Independently programmable isolated outputs voltage from $\pm$ 0 to 5V_{DC} up to 400mA
- 1500V Isolation between channels, common power supply and Earth
- VPC Quadrapaddle 96 pin RCV interface

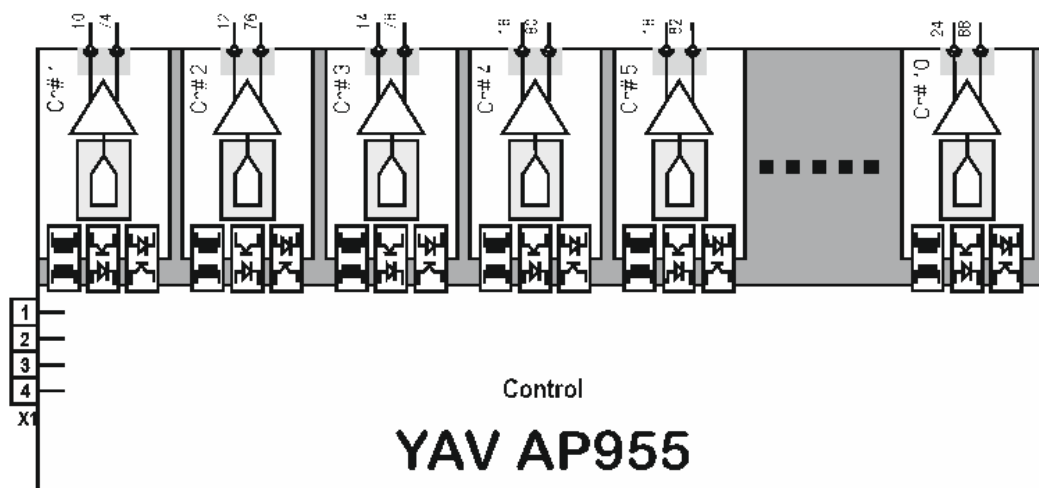


The YAV board AP955 contents 10 CAN Bus programmable bipolar Isolated precision and low noise 0 to 5V_{DC} voltage sources up to 400mA output, with Tripaddle VPC connector.

Ordering Information

Part Number	Package		
	Units	Description	Version
YAVAP955	1	10-Ch Programmable Isolated 0...5V _{DC} 400 mA	01

Functional diagram



Specifications

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
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Board Power and Control

+V _{CC}	Power Supply		18	24	36	V _{DC}
I _{DC}	Current consumption	@ 25°C	300		4.000	mA
P _w	Power disipation	@ 25°C 5 Units @ 400mA output		<50		W

Outputs (x10)

+/-V _{out}	Output voltage		0		5	V _{DC}
V _{PREC}	Precision output voltage	12-Bits DAC Setting from 2 to 5 V out	1%	0,5%		%
V _{NOISE}	Noise	From 2 to 5 V output		200		uV _{AC}
I _{out}	Current output	@ 25°C	0		400	mA
V _{ISOLO}	Insulation from output to output				1500	V _{DC}
V _{ISOLV}	Insulation from output to +V _{CC}				1500	V _{DC}
V _{ISOLG}	Insulation from output to GND				1500	V _{DC}
V _{ISOLG}	Insulation from output to CAN Bus				1500	V _{DC}