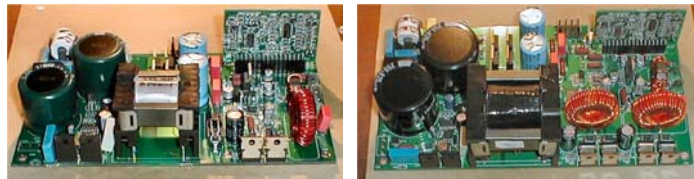


CAD/DIGIAMPS PWM AMPLIFIER MODULES



DIGIAMP 250A / DIGIAMP 500A – DIGIAMP 1000A / DIGIAMP 2000A



DIGIAMP 250ASW / DIGIAMP 500ASW – DIGIAMP 1000ASW / DIGIAMP 2000ASW

DIGIAMPS PWM AMPLIFIER & PWM AMPLIFIER + SMPS MODULES.

We are happy to announce a new series of PWM /Class-D Digital amplifiers designed to give very high performance in audio quality and to deal with all aspects of amplifier use and applications including amplifier + power supply combination, multichannel use , channel synchronization , protection circuits , active crossover use, etc.

They are all full bandwidth modules (20 Hz - 20 kHz) and are very usefull for a broad range of applications from HIFI, Home Cinema to Pro Audio, Active Loudspeakers, Installation...

Sound quality is very good indeed and THD + N is 0.02% or better.

The A-modules are PWM amplifier modules for external power supply and the ASW-modules are very compact high-performance PWM amplifier + Switch Mode Power Supply combination boards.

The ASW modules can power an A-module for 2-ch / stereo use and the CAD 1000ASW can power 1-2 CAD 250A for biamp use (1000W + 250W into 4 ohms) or an extra CAD 1000A and the CAD 2000ASW can power 1-2 CAD 500A , again for biamp use (2000W + 500W into 4 ohms) or an extra CAD 2000A module.

Features:

- precision clock based pwm amplifier design
- feedback after output filter, best topology for quality and less influence of the load
- compact and high efficiency designs
- very low noise , emi and emc proven designs
- versatile program for a broad range of applications
- modules can be combined for 2 ch, biamp or multi channel operation
- sync of clock to avoid problems often seen in other designs (noise, beating etc)
- balanced or unbalanced inputs
- plug-in active crossover available, output for powering preamp etc

Specs for DIGIAMPS PWM AMPLIFIER & AMPLIFIER + SMPS MODULES

CAD 250A PWM Amplifier Module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms)	250W
Harmonic distortion (1000Hz/4ohms)	<0.02% at 200W / 4ohms
Amplifier protection	Overcurrent shutdown, peak limiter,
Power requirements	2 x 45V DC (+ 18VDC @ 0.25A)
Size	100 x 80 x 30mm
Weight	150g

CAD 500A PWM Amplifier Module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms)	500W
Harmonic distortion (1000Hz/4ohms)	<0.02% at 450W / 4ohms
Amplifier protection	Overcurrent shutdown, peak limiter
Power requirements	2 x 65V DC (+18VDC @ 0.25A)
Size	100 x 80 x 40mm
Weight	200g

CAD 1000A PWM Amplifier Module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms ohms)	1000W
Harmonic distortion (1000Hz/4ohms)	<0.02% at 900W / 4ohms
Amplifier protection	Overcurrent shutdown, peak limiter
Power requirements	2 x 45V DC + (+18VDC @ 0.25A)
Size	100 x 110 x 40mm
Weight	300g

CAD 2000A PWM Amplifier Module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms)	2000W
Harmonic distortion (1000Hz/4ohms)	<0.02% at 1800W /4ohms
Amplifier protection	Overcurrent shutdown, peak limiter
Power requirements	2 x 65VDC (+18VDC @ 0.25A)
Size	100 x 110 x 40mm
Weight	350g

CAD 250ASW PWM amplifier + SMPS module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms)	250W

Harmonic distortion (1000Hz/4ohms)	<0.02% at 200W / 4ohms
Amplifier protection	Overcurrent shutdown, peak limiter
Power requirements	115V AC or 230V AC
Size	100 x 165 x 35mm
Weight	350g

CAD 500ASW PWM Amplifier + SMPS Module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms)	500W
Harmonic distortion (1000Hz/4ohms)	<0.02% at 450W / 4ohms
Amplifier protection	Overcurrent shutdown, peak limiter
Power requirements	115V AC or 230V AC
Size	100 x 165 x 40mm
Weight	450g

CAD 1000ASW PWM Amplifier + SMPS Module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms)	1000W
Harmonic distortion (1000Hz/4ohms)	<0.02% at 900W / 4ohms
Amplifier protection	Overcurrent shutdown peak limiter
Power requirements	115V AC or 230V AC
Size	110 x 180 x 40mm
Weight	600g

CAD 2000ASW PWM Amplifier + SMPS Module

Frequency range (+0, -1dB)	20 - 20.000 Hz
Nominal load impedance	4-16ohms
Output power (4ohms)	2000W
Harmonic distortion (1000Hz/4ohms)	<0.02% at 1800W /4ohms
Amplifier protection	Overcurrent shutdown, peak limiter
Power requirements	115V AC or 230V AC
Size	100 x 180 x 40mm
Weight	700g

PWM Modules Price List 06.2007

CAD250A 1-4 pcs € 110 / 5-9 pcs € 100 / 10-24 pcs € 90 / 25+ ask for quote

CAD500A 1-4 pcs € 125 / 5-9 pcs € 112 / 10-24 pcs € 101 / 25+ ask for quote

CAD1000A 1-4 pcs € 142 / 5-9 pcs € 128 / 10-24 pcs € 115 / 25+ ask for quote

CAD2000A 1-4 pcs € 156 / 5-9 pcs € 140 / 10-24 pcs € 126 / 25+ ask for quote

CAD500SW 1-4 pcs € 132 / 5-9 pcs € 118 / 10-24 pcs € 106 / 25+ ask for quote

CAD1000SW 1-4 pcs € 146 / 5-9 pcs € 131 / 10-24 pcs € 118 / 25+ ask for quote

CAD250ASW 1-4 pcs € 223 / 5-9 pcs € 200 / 10-24 pcs € 180 / 25+ ask for quote

CAD500ASW 1-4 pcs € 237 / 5-9 pcs € 213 / 10-24 pcs € 191 / 25+ ask for quote

CAD1000ASW 1-4 pcs € 267 / 5-9 pcs € 240 / 10-24 pcs € 216 / 25+ ask for quote

CAD2000ASW 1-4 pcs € 295 / 5-9 pcs € 266 / 10-24 pcs € 239 / 25+ ask for quote

discount is accumulated meaning its easy to start
and continuos sales will be rewarded without promising
big sales or investing lots of money.