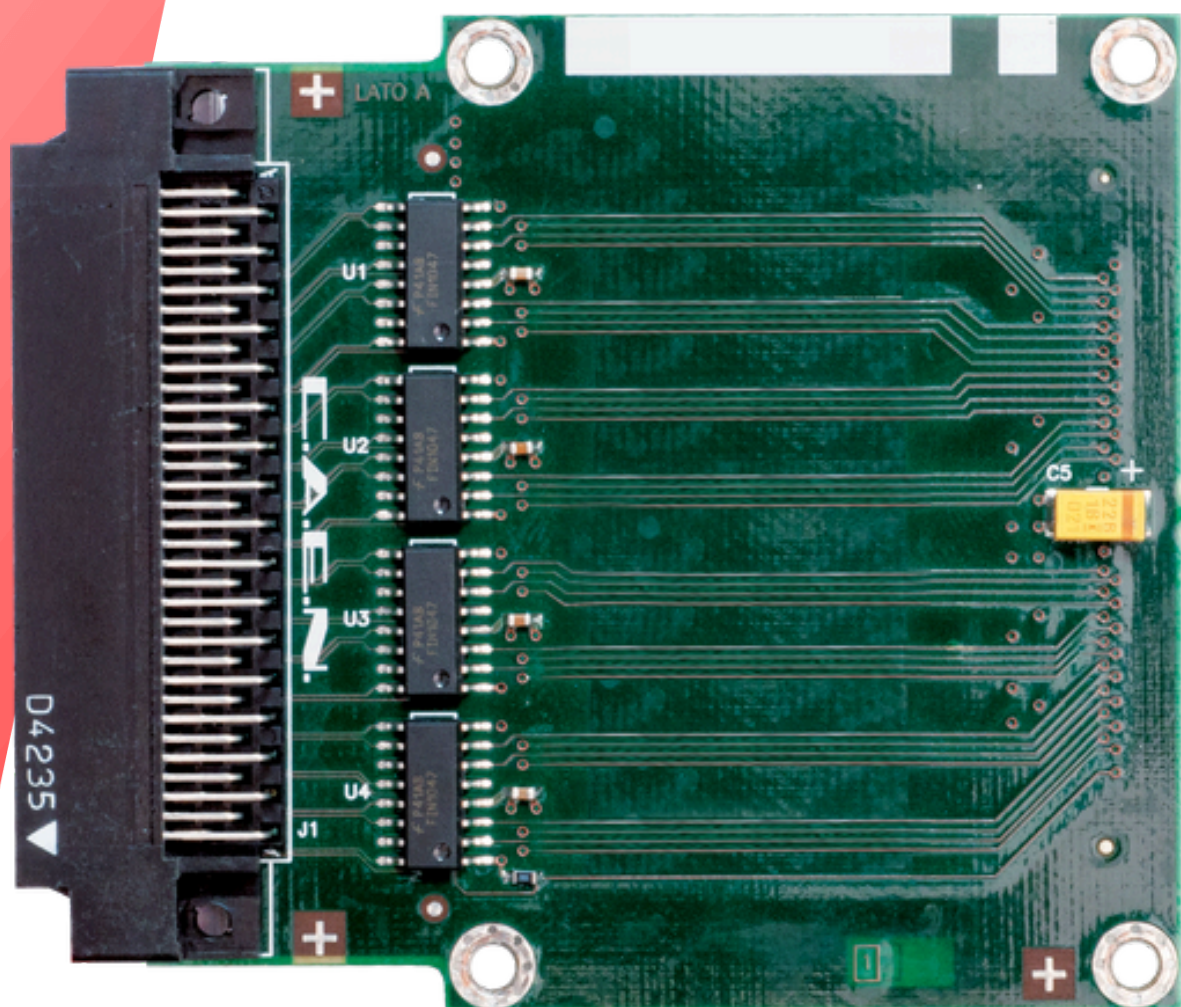


## A395B

### Piggyback board for Vx495 and DT5495



## Features

- Piggy Back Board for CAEN Programmable logic Unit **DT5495** and **V2495 (V1495)**
- Up to 32 Digital Output
- LVDS 100 Ohm RI
- 250 MHz Bandwidth

## Description

The channel interface of **V2495 (V1495)** and **DT5495** can be freely expanded by adding up to three independent piggyback boards (there are 3 expansion slots interfaced to the User FPGA), choosing between five available types **A395A**, **A395B**, **A395C**, **A395D**, **A395E**. Therefore, the V2495 and DT5495 can achieve a maximum number of 194 I/O channels.

The A395B is a 32 LVDS output channels piggyback boards.

## Technical Specifications

### Nr. of Channels / Channel type

32 / Digital Input

### Logic

Direct

### Signal

- Differential LVDS/ECL/PECL (single ended TTL optional)
- Zdiff: 100  $\Omega$
- Extended Common Mode
- Input range: -4V to +5V
- Fail Safe input feature

### Bandwidth

200 Mhz

### Front Panel Connector

3M P50E-068-P1-SR1 type (34+34) pins

### Power Consumptions

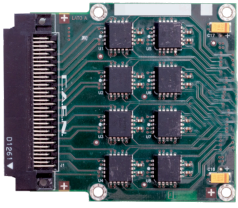
0.1 A (max) @ +5V internal rail / +12V and -12V internal rails are not used

## Ordering Options

Code	Description
WA395XBAAAAA	A395B - 32 LVDS output channels interface for V1495 and V2495 <span data-bbox="1364 250 1444 302">RoHS</span>

## Related Products

### A395C



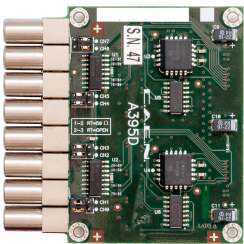
Piggyback board for Vx495 and DT5495

### V2495



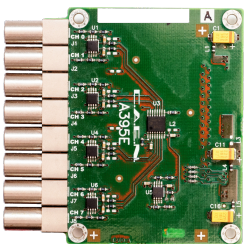
Programmable Logic Unit PLUS

### A395D



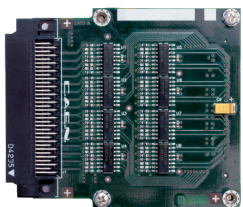
Piggyback board for Vx495 and DT5495

### A395E



Piggyback board for Vx495 and DT5495

### A395A



Piggyback board for Vx495 and DT5495

**DT5495**



Programmable Logic Unit

---

**This document, or parts thereof, may not be reproduced in any form or by any means without written permission from Caen S.p.A. Although every effort has been made to ensure the accuracy of information presented in this catalog, Caen S.p.A reserves the right to modify its products specifications without giving any notice; for up to date information please visit [www.caen.it](http://www.caen.it) © Caen S.p.A - 2024**

**CAEN S.p.A.**

Via Vetraia 11  
55049 - Viareggio  
Italy

**Phone +39.0584.388.398**

**Fax +39.0584.388.959**

**info@caen.it**

**www.caen.it**

**CAEN GmbH**

Brunnenweg 9  
64331 Weiterstadt, Germany

**Phone +49 (0)212.254.4077**

**Mobile +49 (0)151.16.548.484**

**info@caen-de.com**

**www.caen-de.com**

**CAEN Technologies, Inc.**

1 Edgewater Street - Suite 101  
Staten Island, NY 10305  
USA

**Phone +1.718.981.0401**

**Fax +1.718.556.9185**

**info@caentechnologies.com**

**www.caentechnologies.com**

**CAENspa India Private Limited**

B205, BLDG42, B Wing,  
Azad Nagar Sangam CHS,  
Mhada Layout, Azad Nagar, Andheri West  
Mumbai, Maharashtra 400053, India

**info@caen-india.in**

**www.caen-india.in**

