An Extensible Architecture for Hyperdimensional Computing

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Abstract—This document is a model and instructions for LaTeX. This and the IEEEtran.cls file define the components of your paper [title, text, heads, etc.]. *CRITICAL: Do Not Use Symbols, Special Characters, Footnotes, or Math in Paper Title or Abstract.

Index Terms—component, formatting, style, styling, insert

I. Introduction

Hyperdimensional computing is an emerging a

A. The Problem

While many previous works have implemeneted HDC accelerators [CITE THESE], they have all been restricted to a single encoding, mainly binary. The goal of this

II. Proposed Architecture

A. Kernel-Level Architecture

B. System Architecture

C. AXI Interface