

# Simple DDS Specification

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## 1 Overview

Simple DDS Specification

Author: Patrick Hoey  
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Date: 2022-10-30  
Revision: 0.1  
Description: DDS core capable of sin and arbitrary waves

## **2 Architecture**

### **2.1 TODO insert drawing of architecture**

## **3 TODO Operation**

## **4 TODO Registers**

## **5 TODO Clocks**

## **6 TODO IO Ports**

## **7 TODO Verification**

### **7.1 verification plan**

### **7.2 Verification Method**

### **7.3 Verification/TB Guide**

## **8 Synthesis**

### **8.1**

## **9 Revision History**

Table 1: Change history for this core

Rev	Date	Author	Description
0.1	30-10-22	phoey	initial release

## 10 Appendices

### 10.1 Resources & References