Neomind Board v1 - Hardware Manual

Page 1: ASCII Diagram

Neomind Board v1 [Upgraded ASCII diagram of Arduino/Neomind board]

Page 2: CFML Configuration

Neomind Board v1 USB-Bpower, serial, firmware_upload ATmega328P32KB2KB16MHz [3,5,6,9,10,11] A0,A1,A2,A3,A4,A5 GND,5V,3.3V,VIN true

Page 3: Pin Mapping & Features

Digital pins: 0-13, PWM: 3,5,6,9,10,11, Serial: 0(RX)/1(TX)
Analog pins: A0-A5, ADC 10-bit

Page 4: Quickstart Sample Code

```
void setup() { pinMode(13, OUTPUT); } void loop() { digitalWrite(13, HIGH); delay(500);
digitalWrite(13, LOW); delay(500); }
```

Page 5: Integration with Neomind AI

Load neomind_hardware.cfml into your Neomind engine for board simulation or dataset usage.