



# EZBud

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## Taipei Amoeba

Jason Chen  
Harry Hsu



播放清單

## Running High Tempo 170 - 180 ...

Push play and set your pace at 4.30min/km or 9.00min/mile.

建立者：: **Spotify** · 34 首歌曲, 2 小時 4 分鐘

⏸ 暫停

關注



粉絲  
52,236



播放清單

## Running Low Tempo < 140 BPM

Push play to set your pace at around 7 min/km.

建立者：: **Spotify** · 23 首歌曲, 1 小時 35 分鐘

▶ 播放

關注



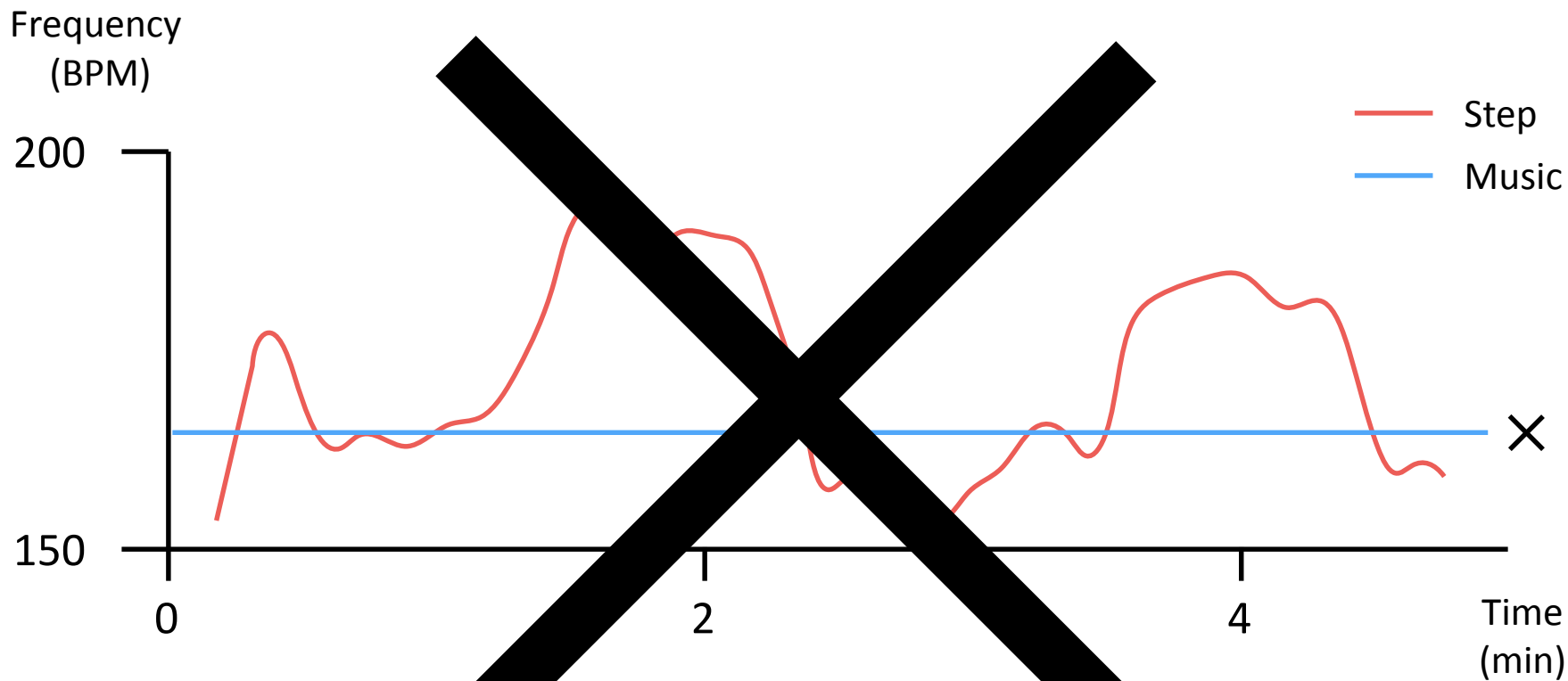
粉絲  
187,180

▶ 播放

關注



187,180  
粉絲

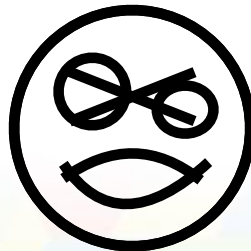


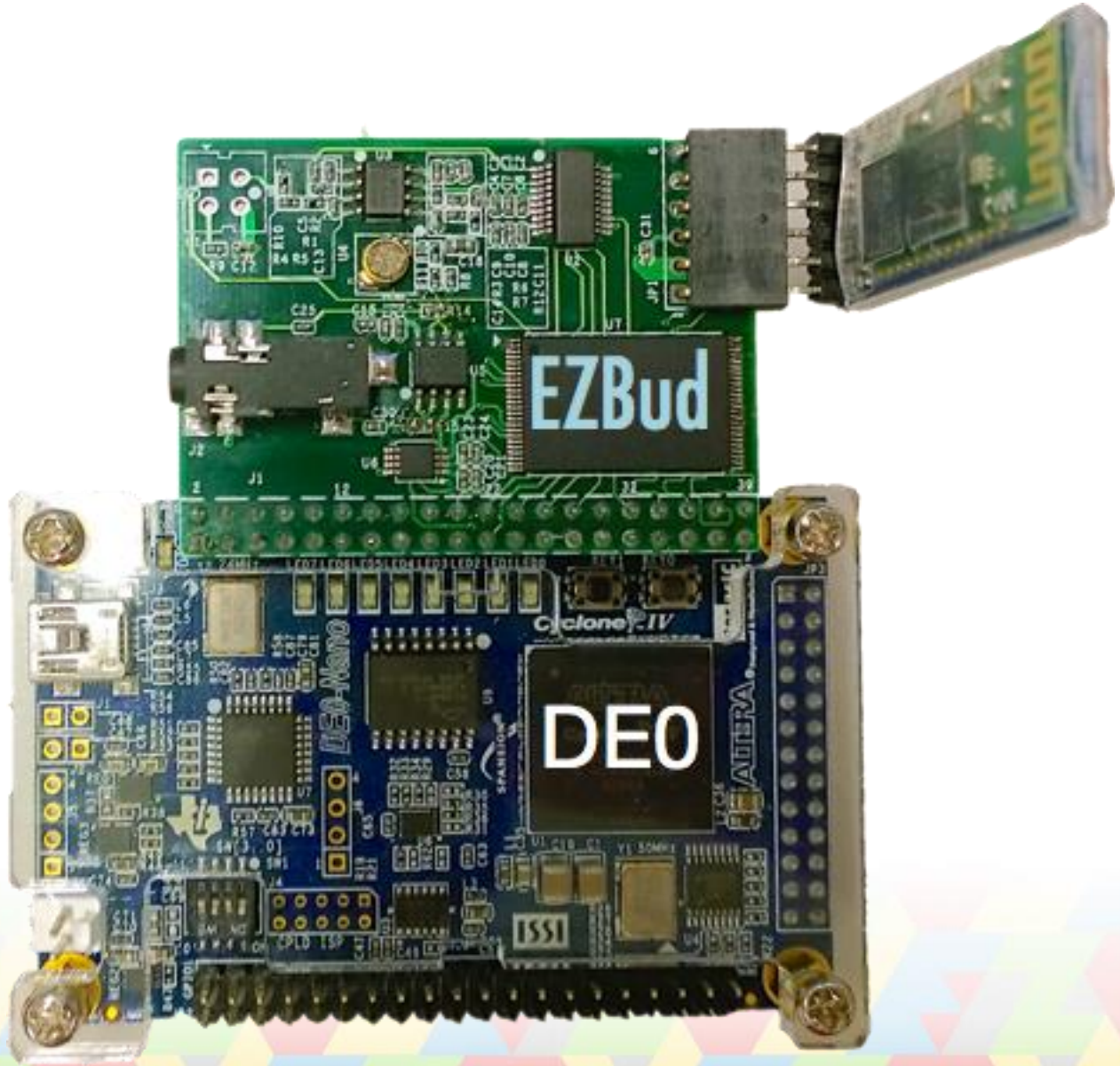
Jogging Pace Record

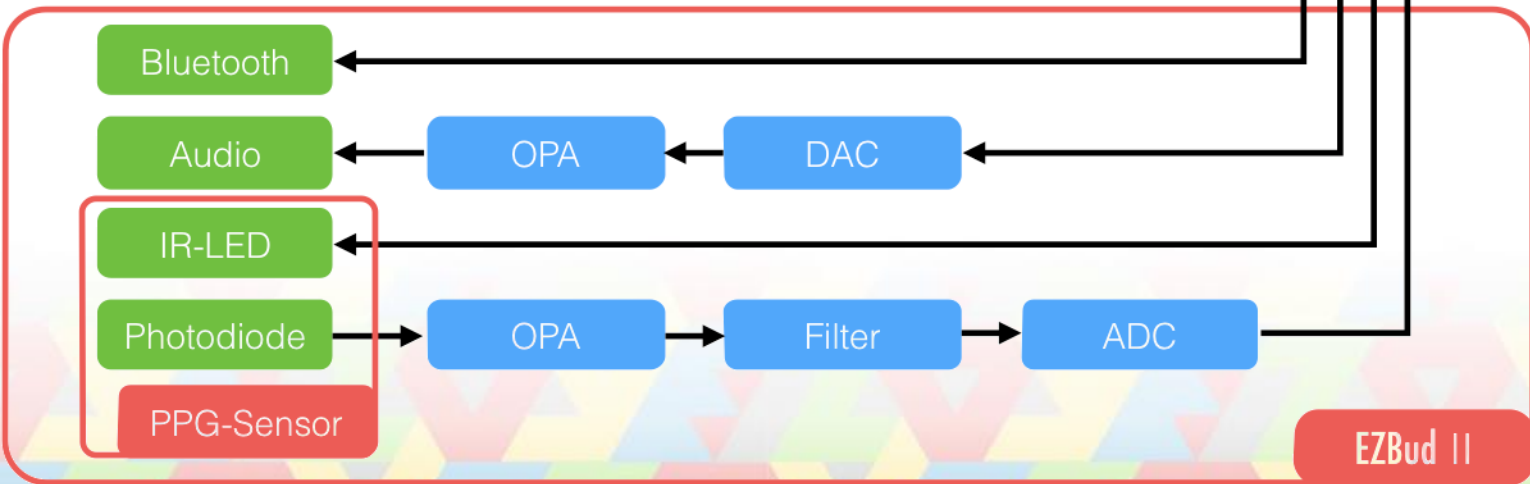
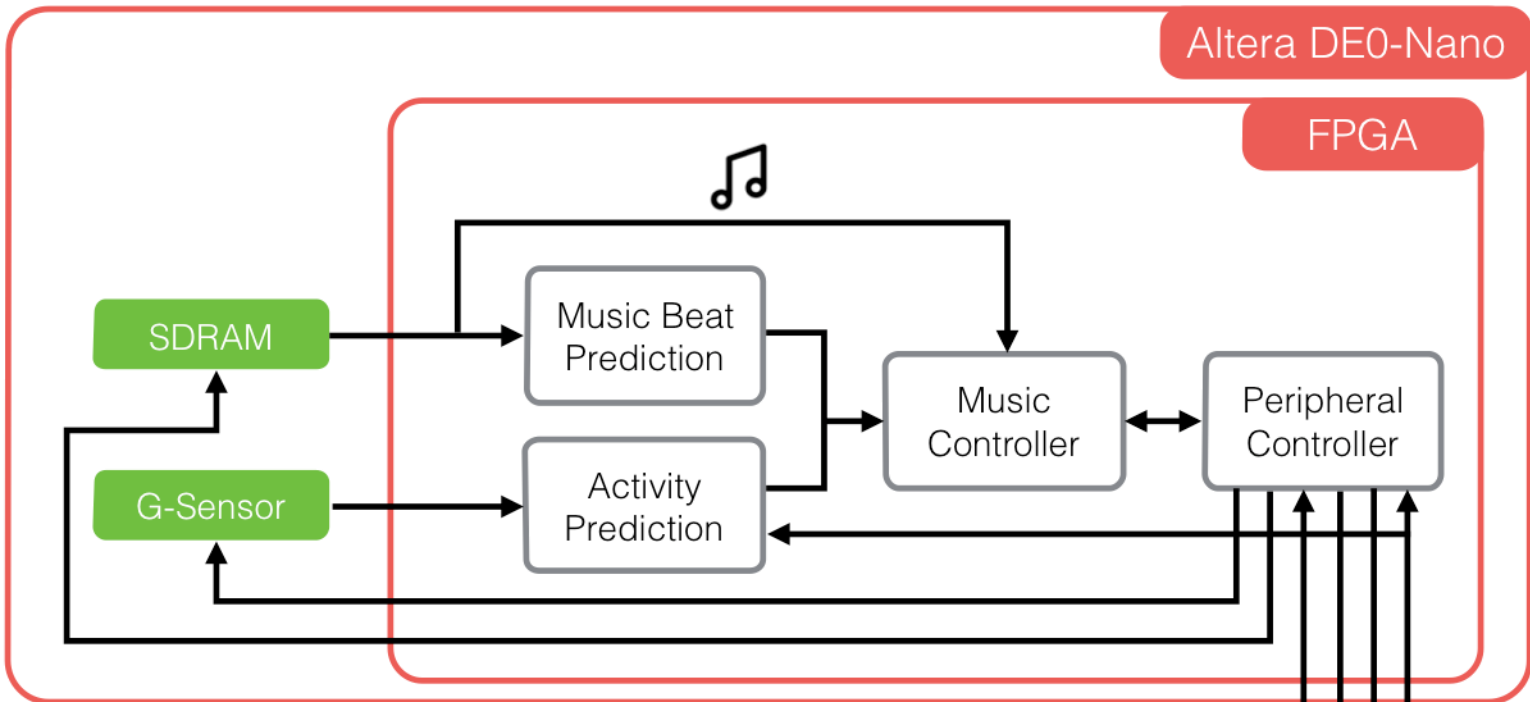
Beat

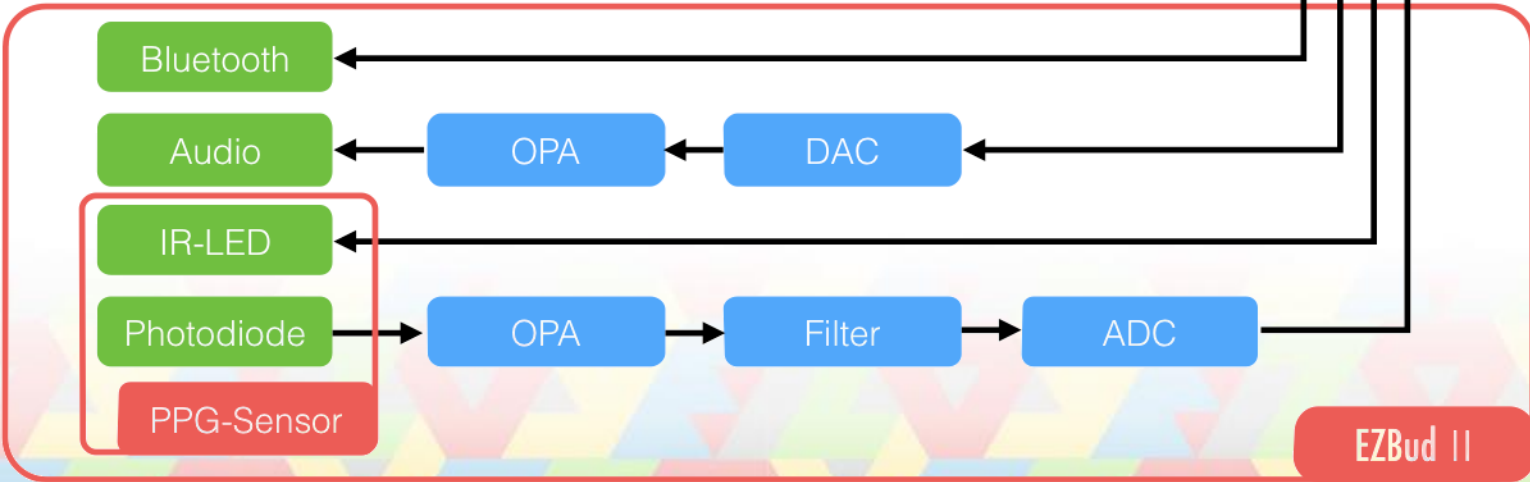
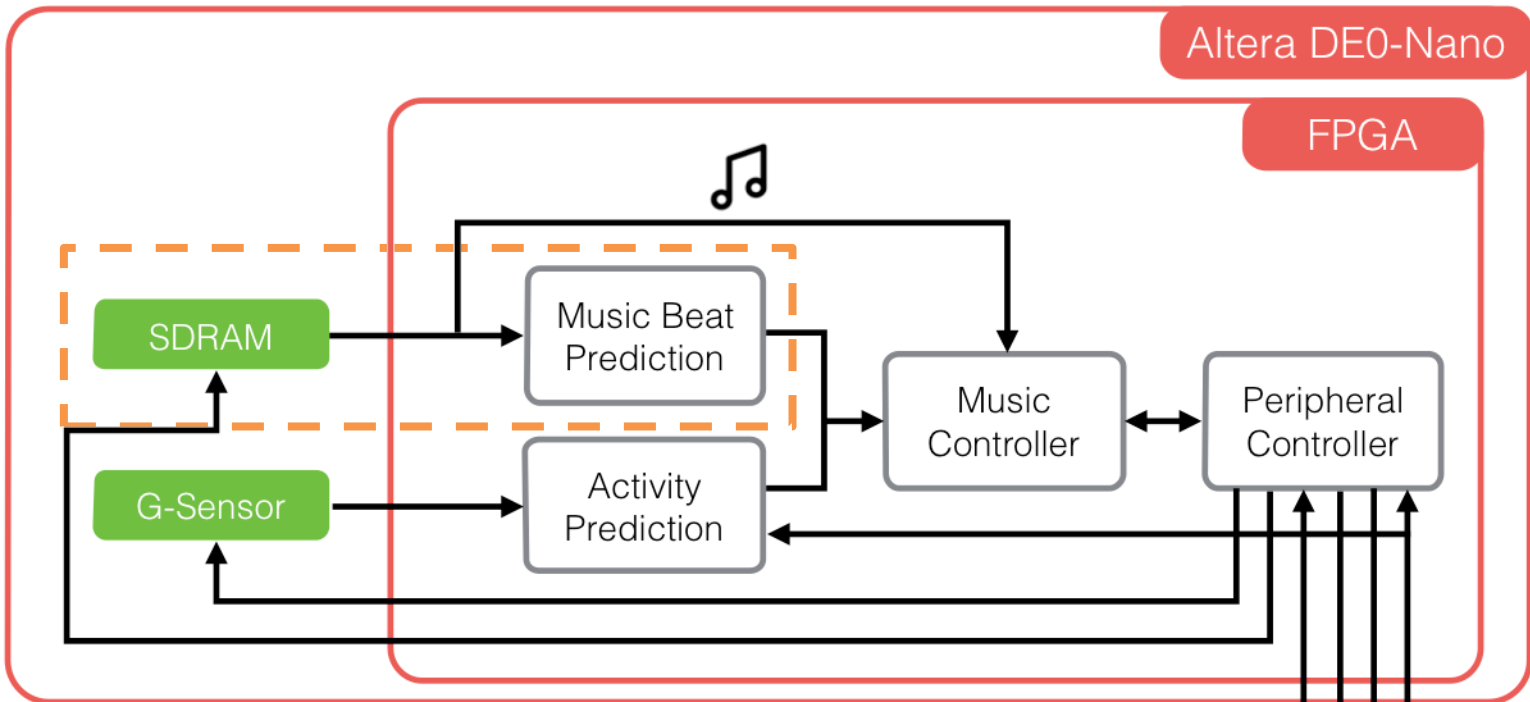


Pace

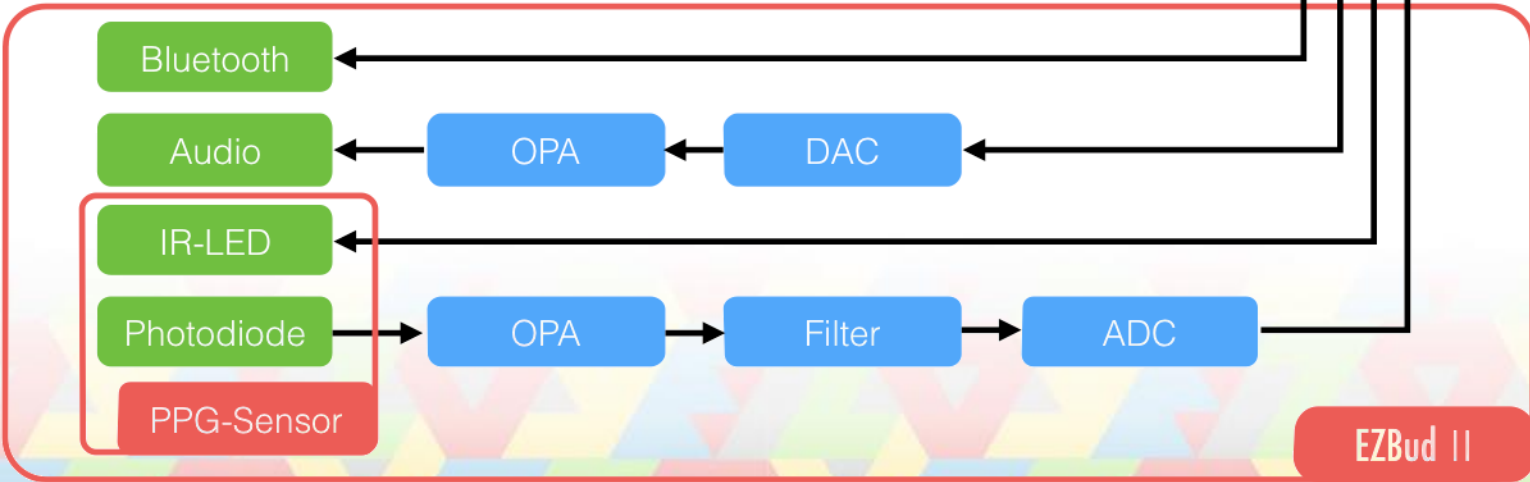
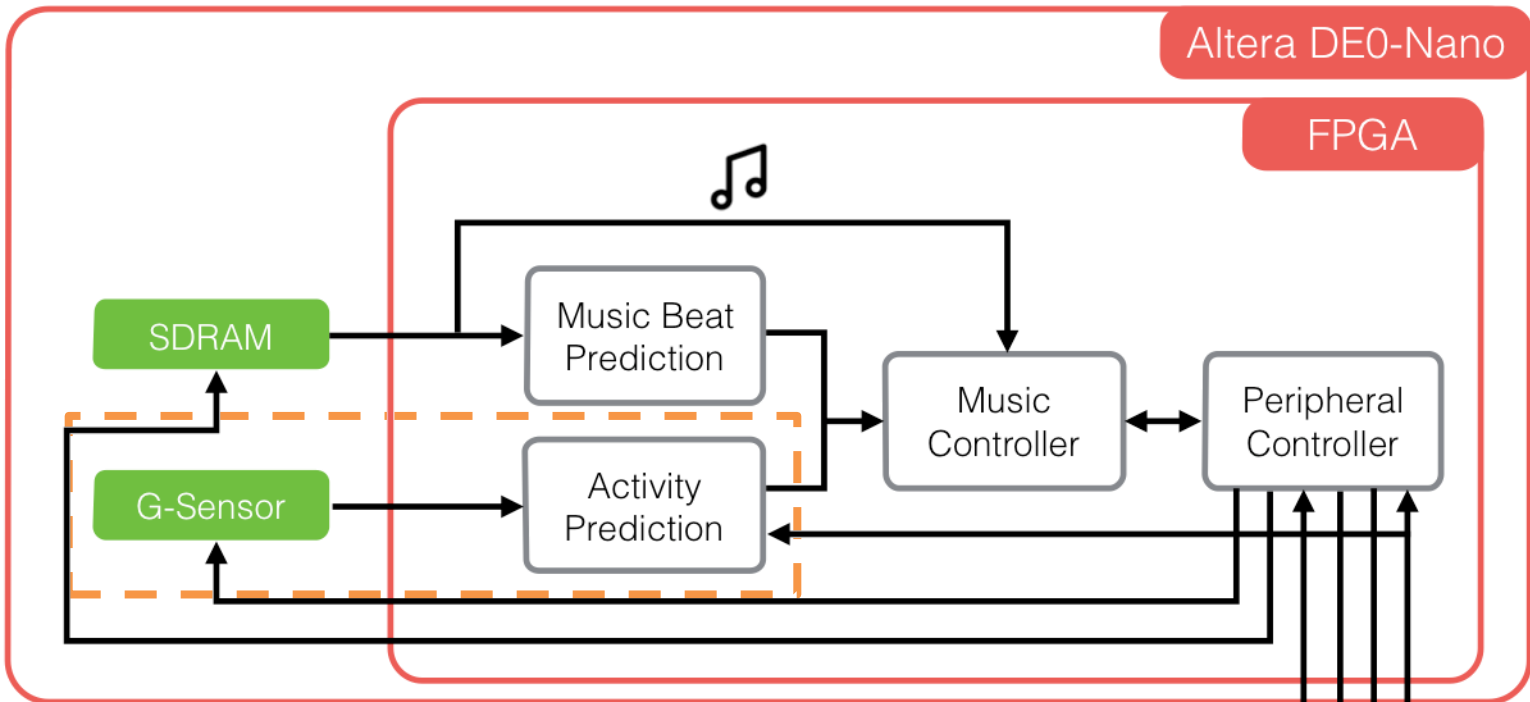




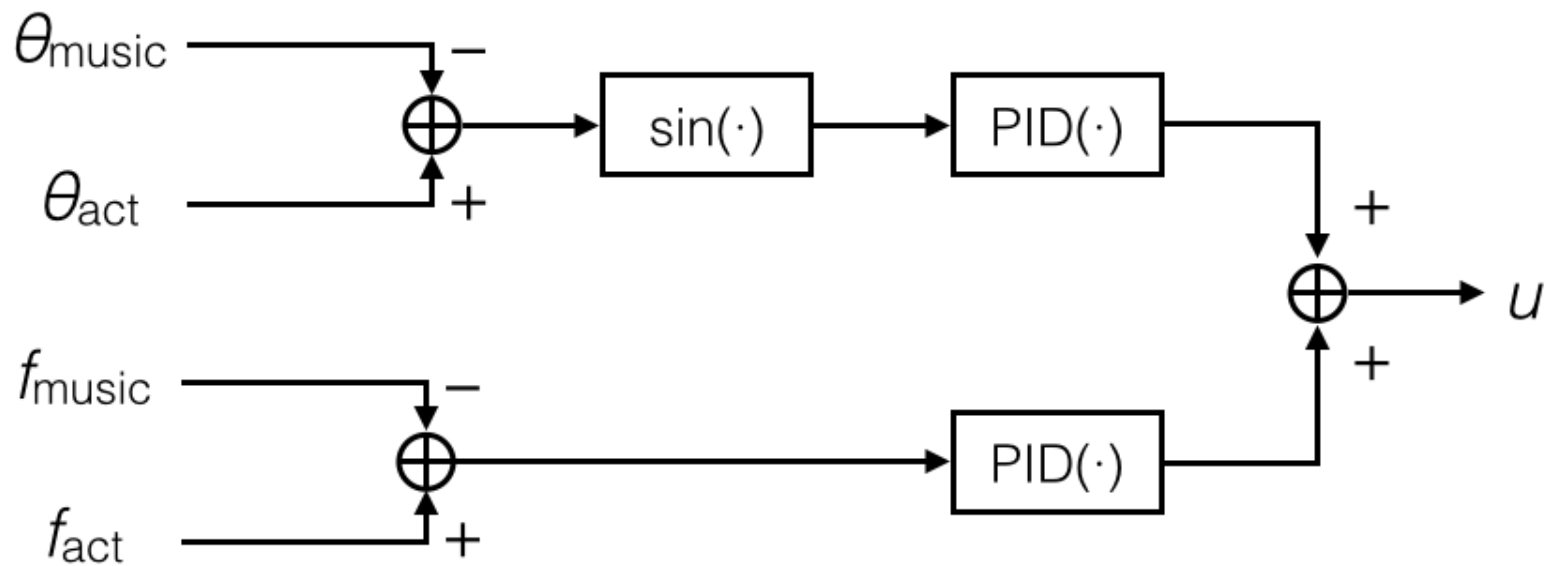


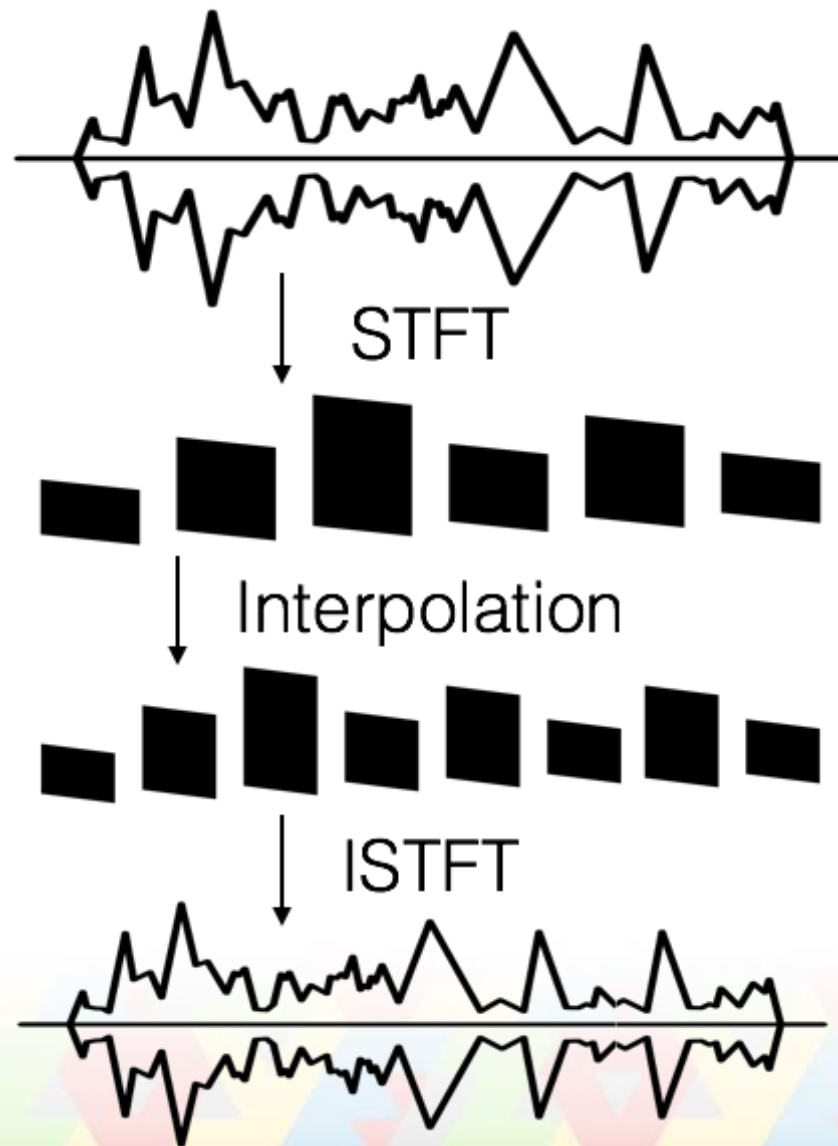


**EZBud II**



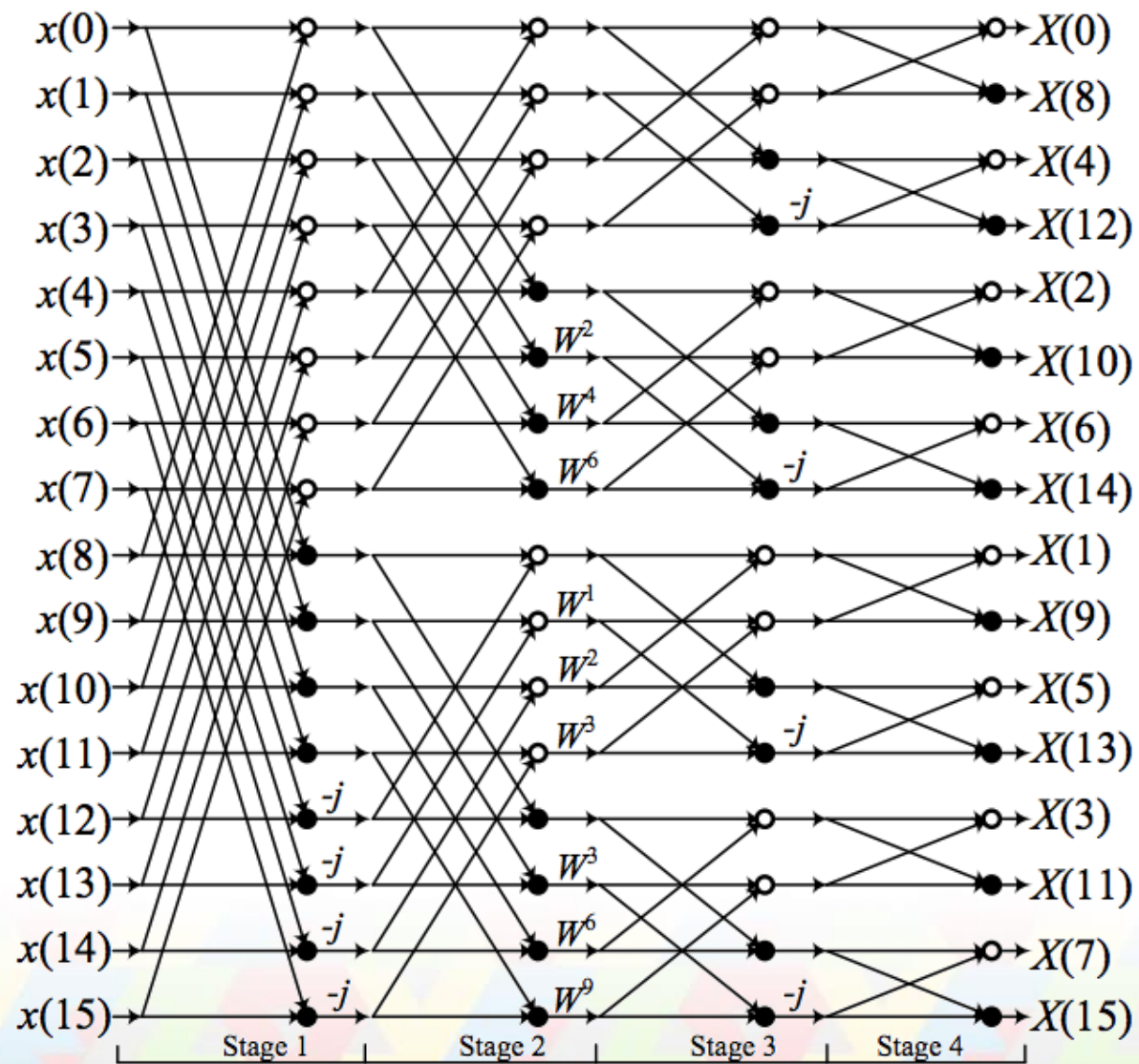


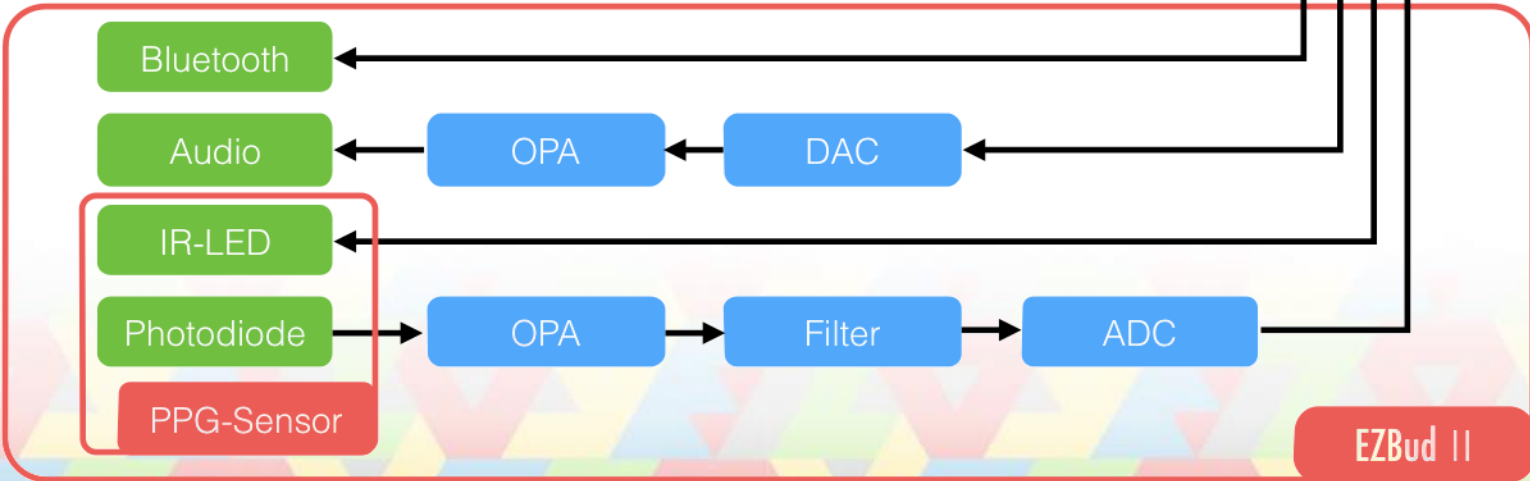
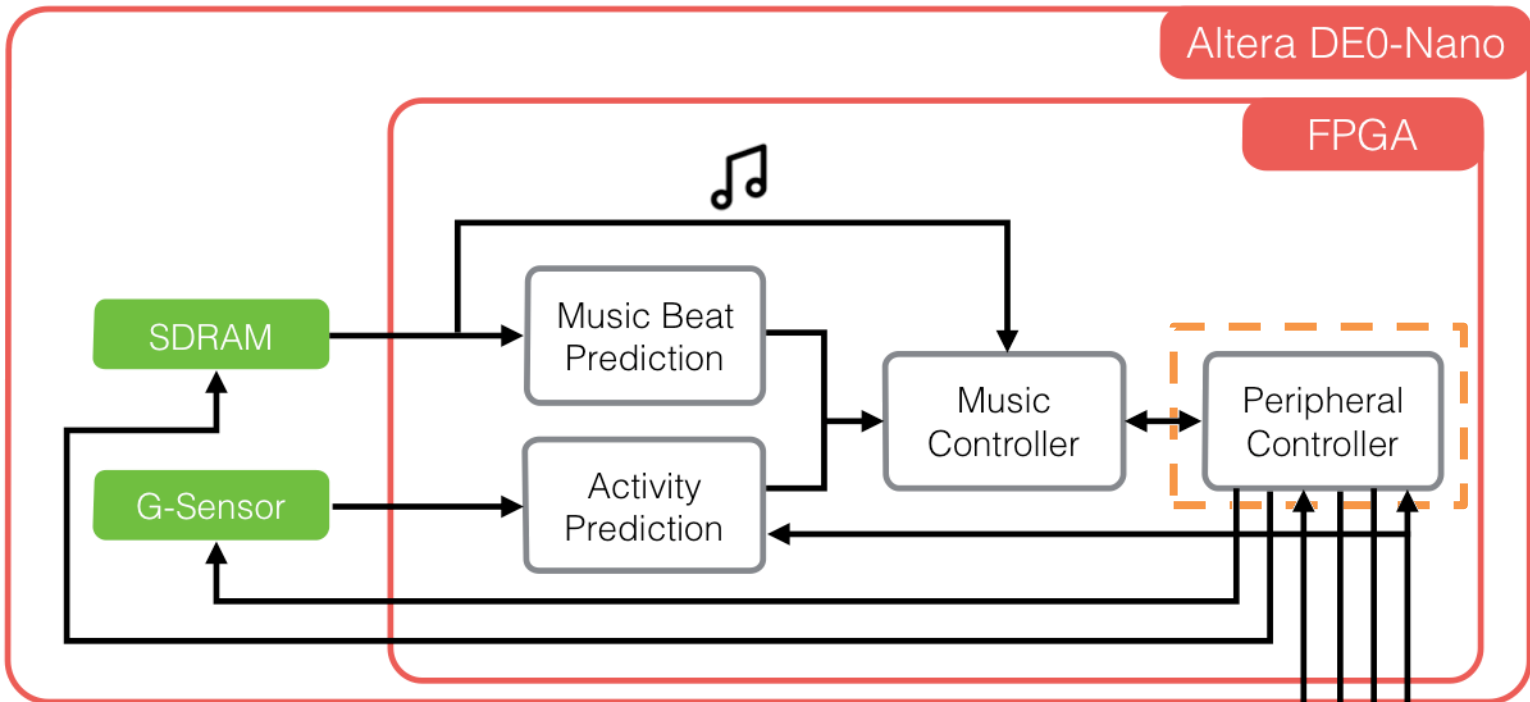




$$\arctan(x) = \begin{cases} LUT_a(x), & 1 > x \geq 0 \\ \frac{\pi}{2} - LUT_a\left(\frac{1}{x}\right), & x \geq 1 \\ \dots \end{cases}$$

$$\sqrt{x^2 + y^2} = x \sqrt{1 + \left(\frac{y}{x}\right)^2} = x \times LUT_s\left(\frac{y}{x}\right)$$







Photoplethysmography

+

Accelerometer

+

Music

=

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