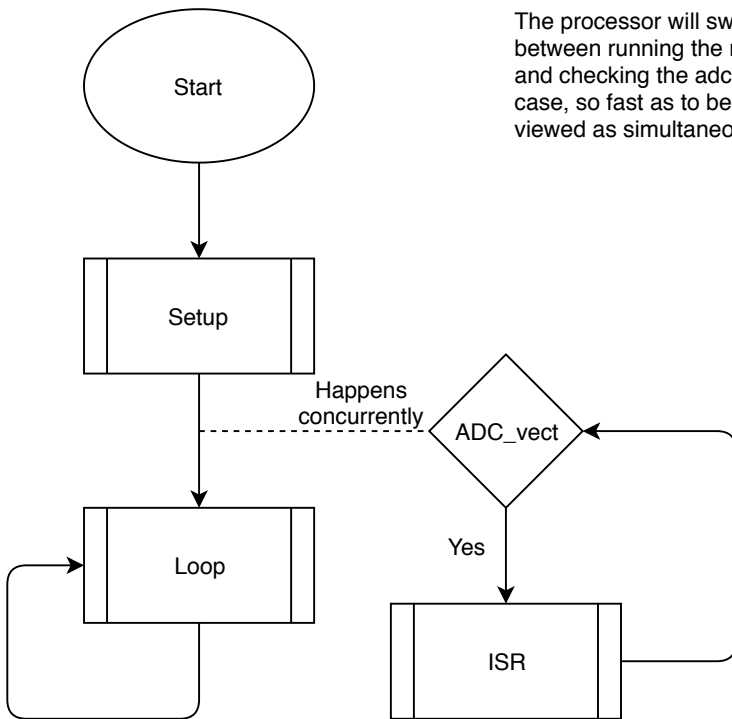
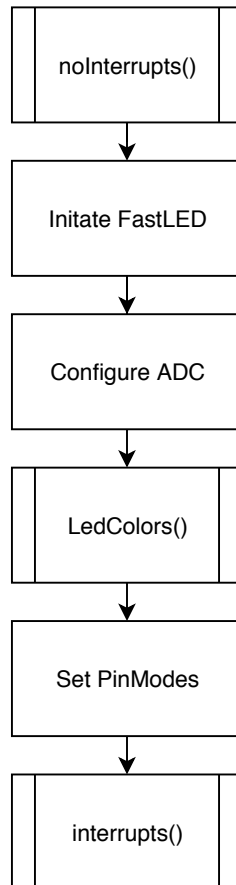


Concurrently

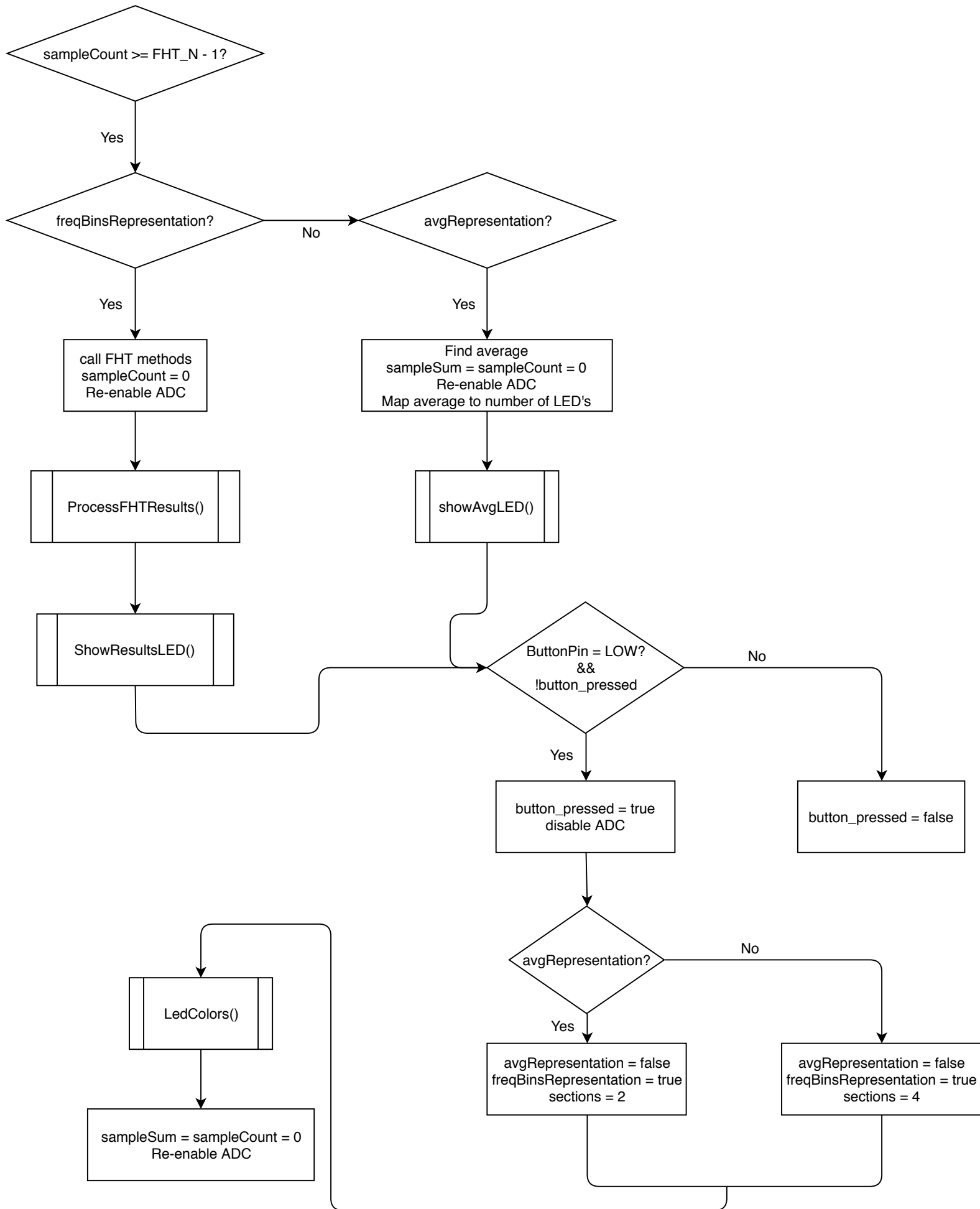
The processor will switch between running the main loop and checking the adc, in this case, so fast as to be able to be viewed as simultaneously.



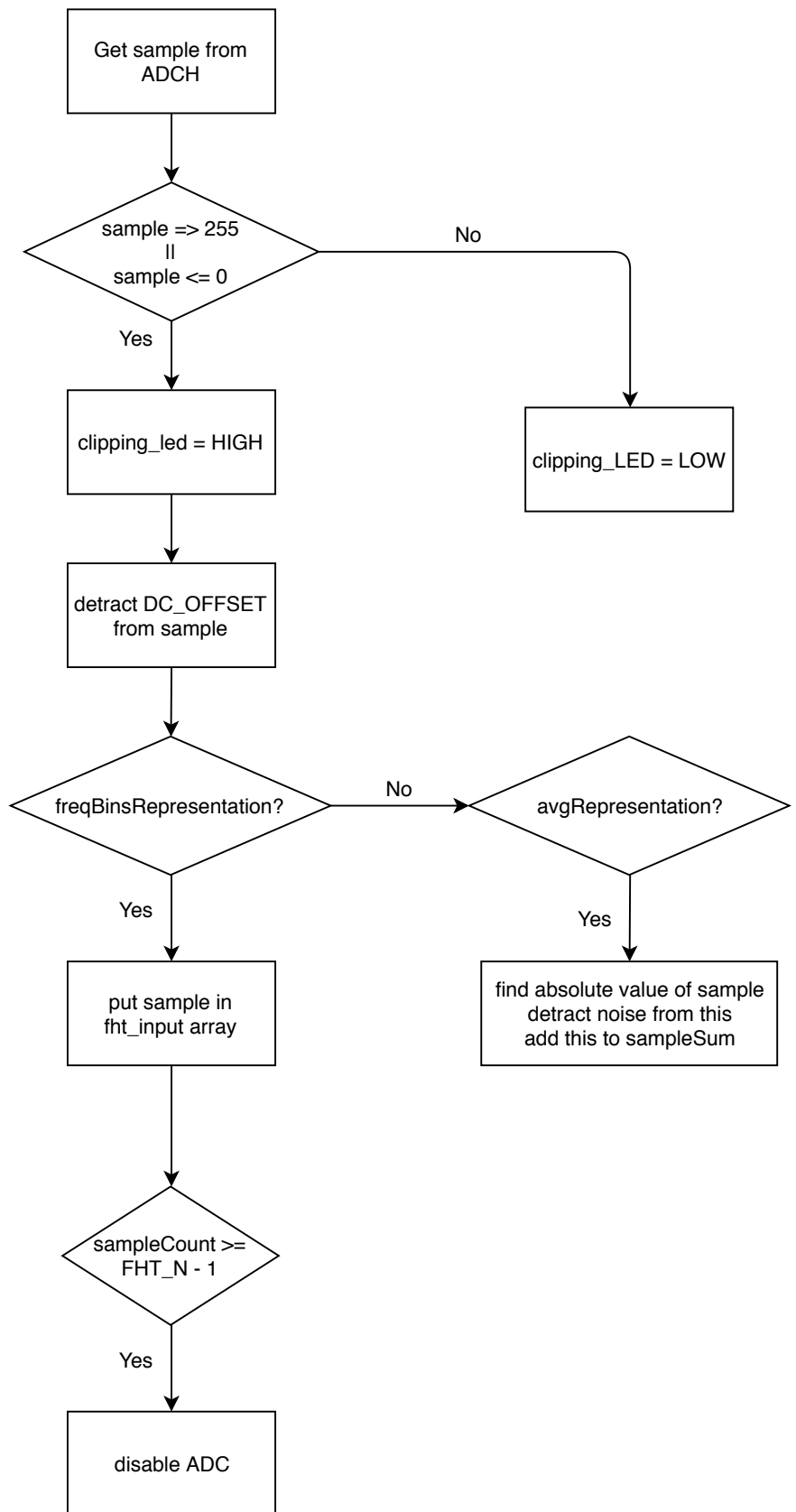
Setup



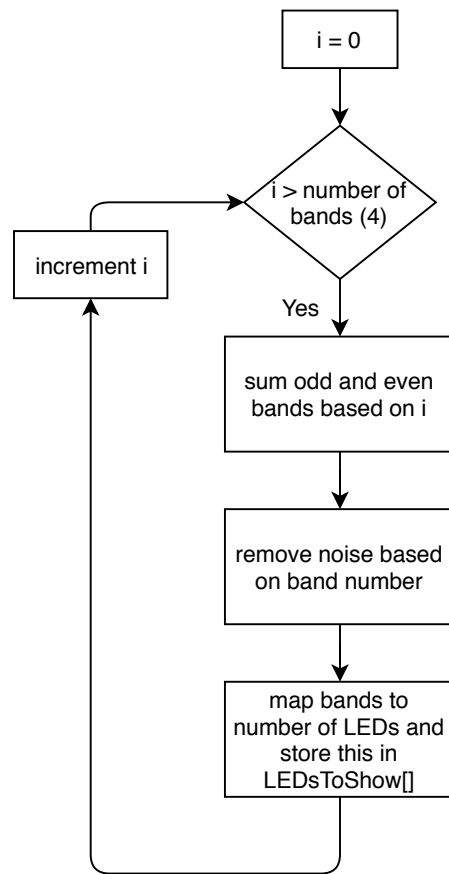
Main Loop



ISR



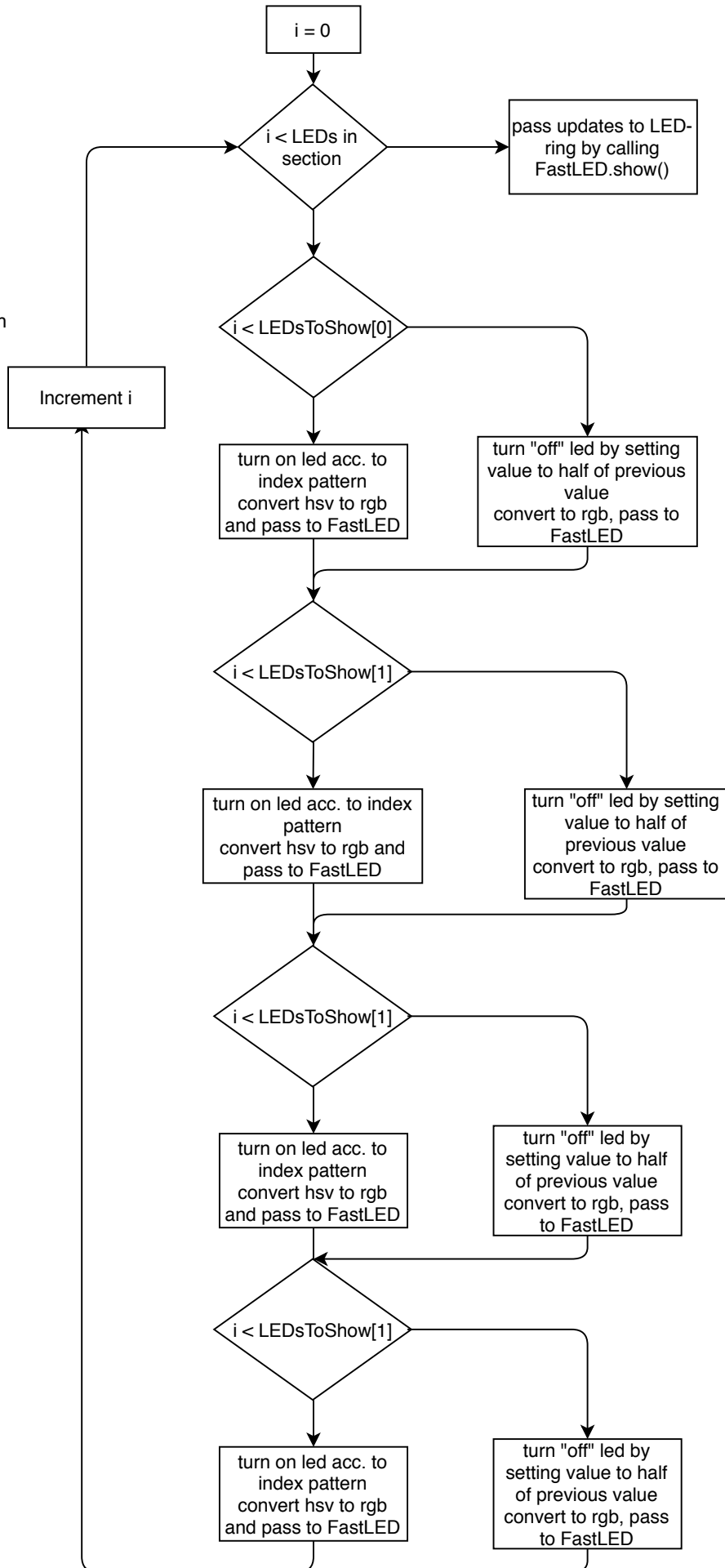
ProcessFHTResults()



ShowResultsLED()

LEDsToShow[]

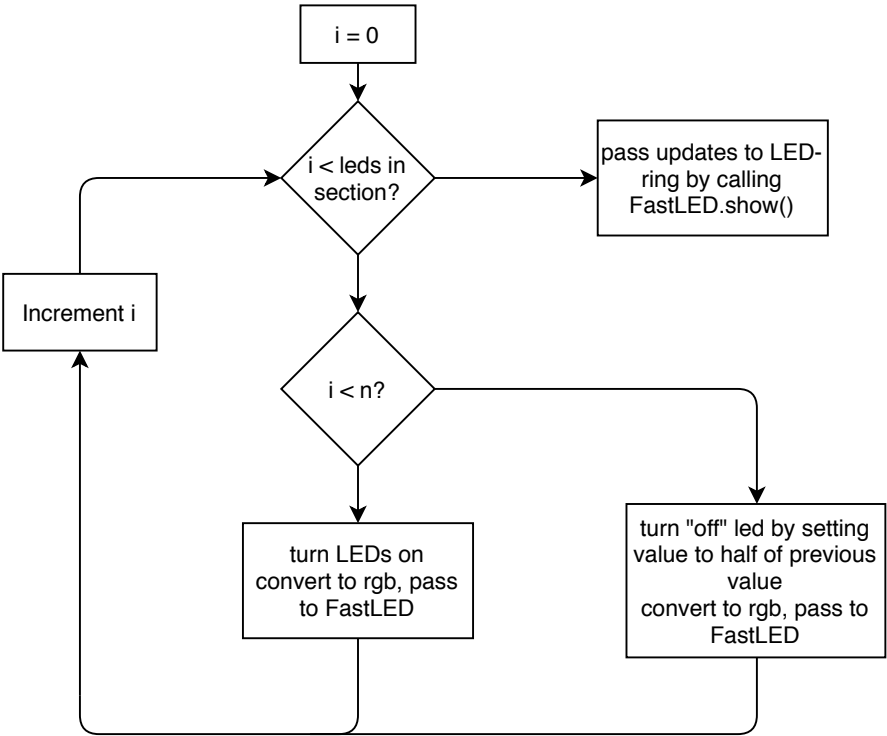
Contains 4 elements where each element is the mapped value from each frequency band after they have been added together



ShowAvgLED(byte n)

n

passed to this method,
represents the amount of LED's
to be turned on.
AvgRepresentation sends it's
mapped average value



LedColors()

