DTMF Detector For all tones { tone responses[tone] = goertzel(tone); - SINES : const int[] - COSINES : const int[] - RESPONSE_LOOKUP : const int[] detected signal = - BUTTONS : const char[] analyze_responses(tone_responses); - samples frame : int[] If detected signal is invalid + add sample(sample : int) return 'I': + do dtmf() : char O-else - goertzel (tone : int) : int return BUTTONS[detected signal]; analyze responses(responses : int[]) : int