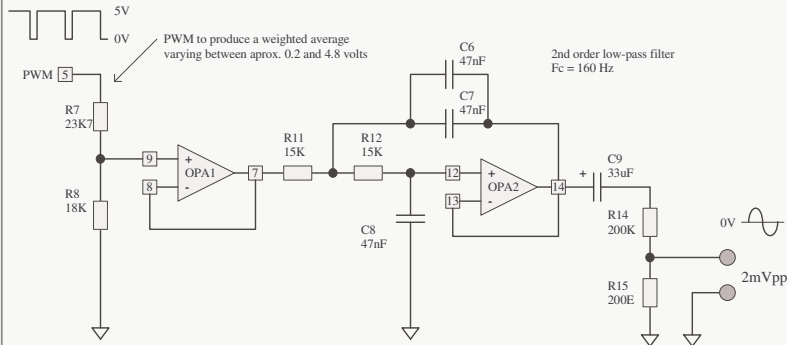


PIC16F785 Analog Resource Utilisation

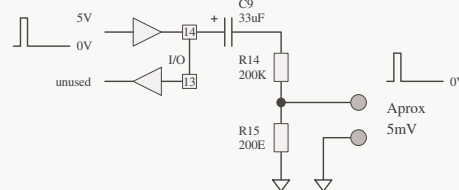
SINE WAVE GENERATION



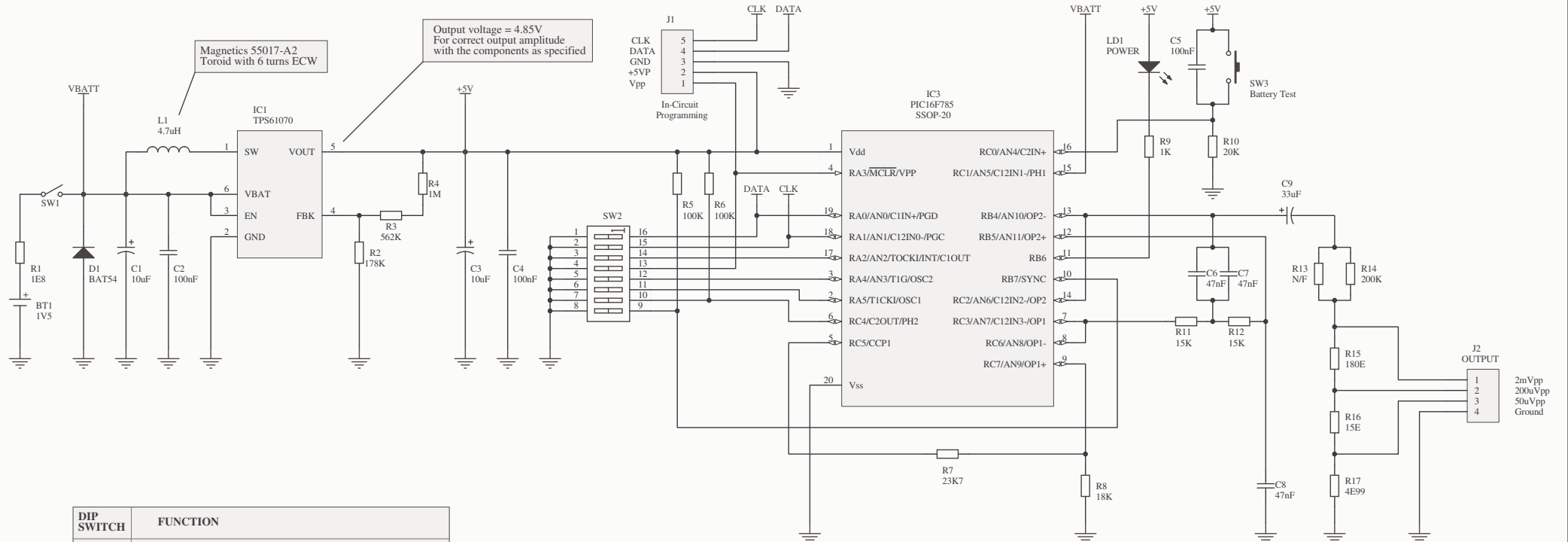
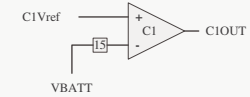
PULSE GENERATION

For pulse output, pin 14 [RC2/OP2] is reconfigured as a digital output and pin 13 [RB4/OP2-] is reconfigured as an input pin.

NOTE: When in pulse mode the output voltage is a factor 2.5 larger and should not be used for gain calibration.



BATTERY MONITOR



DIP SWITCH	FUNCTION
1	Bit 0 - frequency setting [lsb]
2	Bit 1 - frequency setting
3	Bit 2 - frequency setting
4	Bit 3 - frequency setting
5	Bit 4 - frequency setting
6	Bit 5 - frequency setting
7	Pulse output enable ON => ENABLED
8	Frequency sweep enable ON => ENABLED

Adjusts the output frequency between 1 and 64Hz in 1Hz steps

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Title EEG CALIBRATOR		
Size A3	Number EEG_CAL	Revision 1.20
Date: 16-Aug-08	Sheet of 1 of 1	Revision 1 of 1
File: D:\MyWorks\EEG_CAL.SchDoc	Drawn By: S. Jung	