

Name	Bytes	Datatype	Description
TimeStamp	8	double	numeric value of time and date recording started
SampRate	8	double	sampling rate in Hz, true sampling interval is approximately $\text{round}(1e6/\text{SampRate})$ in microseconds
ChannelNumber	1	uint8	number of channels in the file, for the Arduino, this is typically 1
charLength	1	uint8	number of characters in the Channel name
ChannelName	charLength	char	character array of the channel name
data	inf*	uint16	16-bit values for the analog data of the sensor. This extends to the end of the file. To convert to voltage, multiply by 5/1023

These two rows below are called in a loop until the number of channels has been reached