0x41200000	31..8	7	6	5..3	2..0
	N/A	2nd Harm	PID_EN	SEL B	SEL A
			enables the	For debugging.	
		out: f / 2f	lock	Eventually fixed	

0x41200008	31..16	15..8	7..0
	N/A	W_A	W_B
		outwave =	
		W_A*cos + W_B*sin	
		2's complement	

0x41210000	31..0
	Kp*2^16
	2's complement

0x41210008	31..0
	Ki * 2^16
	2's complement

0x41220000	31..0
	f0 * 2^32/125e6
	2's complement

0x41220008	31..0
	BW * 2^32/125e6
	2's complement