

	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0							
OpCode	Data0						Data1						Menmonic	Description	Comment								
0x00	X						X						NOP	Nop									
0x01	Ch#	X	X	X	X		Amount						SETTUP	SetTrimUp	Amount is clamped to 200								
0x02	Ch#	X	X	X	X		Amount						SETTDN	SetTrimDn	Amount is clamped to 200								
0x03	Ch#	X	X	X	X		Amount						GETT	Get Trim	Gets the trim in Amount								
0x04	Ch#	B	X	X	X	X	X	X	X	X	X	X	X	X	X	SETREV	SetReverse	B=1(REV); B=0(NOR)					
0x05	Ch#	B	X	X	X	X	X	X	X	X	X	X	X	X	X	GETREV	GetReverse	B=1(REV); B=0(NOR)					
0x06	Ch#	X	X							Amount						SCUP	SetCalibrationUpper						
0x07	Ch#	X	X							Amount						GCUP	GetCalibrationUpper						
0x08	Ch#	X	X							Amount						SCDN	SetCalibrationLower						
0x09	Ch#	X	X							Amount						GCDN	GetCalibrationLower						
0x0A							Amount						SPPMLN	SetPPMFrameTotalLength	Amount is in ms								
0x0B							Amount						GPPMLN	GetPPMFrameTotalLength	Amount is in ms								
0x0C							Amount						SPPMICL	SetPPMFrameInterChannelLength	Amount is in us								
0x0D							Amount						GPPMICL	GetPPMFrameInterChannelLength	Amount is in us								
0x0E	B							Amount						SSTIM	SetServoTiming	B=0(Lower);B=1(Upper)							
0x0F	B							Amount						GSTIM	GetServoTiming	B=0(Lower);B=1(Upper)							
0x10	Ch#							Amount						GCV	GetChannelValue								

General Instructions

Each SPI Command sends 3 bytes SPI xchange

the first byte is the opcode

The second and third byte together form the data for the ins

struction