

Time[s]	Analyst	Protocol	Result	Protocol	Result	Cmd	Notes
0.000022048	SPI	MOSI	0x0F	MISO	0x00		
0.000652756	SPI	MOSI	0xFE	MISO	0x00		
0.000657392	SPI	MOSI	0x54	MISO	0x00		Write IO: GPIO Control Register
0.000662036	SPI	MOSI	0x00	MISO	0x00		
0.000707876	SPI	MOSI	0xE0	MISO	0x00		D3, D2, D1 = Inputs, D0 = ClkOut
0.000712516	SPI	MOSI	0x14	MISO	0x00		Read IO
0.000749652	SPI	MOSI	0x00	MISO	0x00		
0.000749652	SPI	MOSI	0x00	MISO	0xE1		Wakeup confirm : Wrote = E0 --> Read = E1
0.000801872	SPI	MOSI	0x53	MISO	0xFF		Write DRATE: A/D Data Rate
0.000806512	SPI	MOSI	0x00	MISO	0xFF		
0.000811156	SPI	MOSI	0xF0	MISO	0xFF		30,000 Samples per Second
0.000856412	SPI	MOSI	0xFC	MISO	0xFF		Synchronize A/D conversion
0.00088716	SPI	MOSI	0x00	MISO	0xFF		Wakeup
0.000909796	SPI	MOSI	0xF0	MISO	0xFF		Self Help
0.001534112	SPI	MOSI	0x13	MISO	0xFF		Read DRATE
0.001538756	SPI	MOSI	0x00	MISO	0xFF		
0.001576472	SPI	MOSI	0x00	MISO	0xF0		Wakeup confirm : 30,000
0.001628112	SPI	MOSI	0x52	MISO	0x00		Write ADCON: A/D Control Register
0.001632752	SPI	MOSI	0x00	MISO	0x00		
0.001637392	SPI	MOSI	0x20	MISO	0x00		CLK Out = Fclkin, Sensor Detect: SDCS_10 = Off, PGA = 0
0.001682652	SPI	MOSI	0xFC	MISO	0x00		Synchronize A/D conversion
0.001712824	SPI	MOSI	0x00	MISO	0x00		Wakeup
0.001734872	SPI	MOSI	0xF0	MISO	0x00		Self Help
0.002359772	SPI	MOSI	0x12	MISO	0x00		Read ADCON
0.002364412	SPI	MOSI	0x00	MISO	0x00		
0.002401548	SPI	MOSI	0x00	MISO	0x20		Wakeup confirm: ClkOut, SensorDetect, PGA, DRDY = 0
0.002454348	SPI	MOSI	0x51	MISO	0x00		Write MUX: Input Mux Control Register
0.002458992	SPI	MOSI	0x00	MISO	0x00		
0.002463632	SPI	MOSI	0x01	MISO	0x00		AIN0, AIN1
0.002508308	SPI	MOSI	0x11	MISO	0x00		Read MUX
0.002512952	SPI	MOSI	0x00	MISO	0x00		
0.002550084	SPI	MOSI	0x00	MISO	0x01		Wakeup Confimed: AIN0, AIN1
0.002601724	SPI	MOSI	0x50	MISO	0xFF		Write STATUS: Status Register
0.002606368	SPI	MOSI	0x00	MISO	0xFF		
0.002611008	SPI	MOSI	0x01	MISO	0xFF		ID[3:0]=x, ORDER=MSB 1st, ACAL= disable, BUFEN=disable, nDRDY = x
0.002656268	SPI	MOSI	0xFC	MISO	0xFF		Synchronize A/D conversion
0.00268702	SPI	MOSI	0x00	MISO	0xFF		Wakeup
0.002709648	SPI	MOSI	0xF0	MISO	0xFF		Self Help
0.003334548	SPI	MOSI	0x10	MISO	0xFF		Read STAUTS

0.003339188	SPI	MOSI	0x00	MISO	0xFF	
0.003375744	SPI	MOSI	0x00	MISO	0x30	Wakeup ID=3, ORDER=MSB first, ACAL= disable, BUFEN=disable, nDRDY = 0
0.0034181	SPI	MOSI	0xFC	MISO	0x00	Synchronize A/D conversion
0.003448272	SPI	MOSI	0x00	MISO	0x00	Wakeup
0.0034709	SPI	MOSI	0xF0	MISO	0x00	Self Help
0.004095224	SPI	MOSI	0x15	MISO	0x00	Read OFC0: Offset Calibartion Byte 0 (LSB)
0.004099864	SPI	MOSI	0x00	MISO	0x00	
0.004136416	SPI	MOSI	0x00	MISO	0xC1	
0.004181676	SPI	MOSI	0x16	MISO	0xFF	Read OFC1: Offset Calibartion Byte 1 (mid)
0.004186316	SPI	MOSI	0x00	MISO	0xFF	
0.004223452	SPI	MOSI	0x00	MISO	0x04	
0.004268128	SPI	MOSI	0x17	MISO	0x00	Read OFC2: Offset Calibartion Byte 2 (MSB)
0.004272772	SPI	MOSI	0x00	MISO	0x00	
0.004309904	SPI	MOSI	0x00	MISO	0x00	3 bytes default = 00 04 C1 (DSP did not write to these bytes)
0.004359804	SPI	MOSI	0x18	MISO	0x00	Read FSC0: Full-scale Calibartion Byte 0 (LSB)
0.004364444	SPI	MOSI	0x00	MISO	0x00	
0.004401576	SPI	MOSI	0x00	MISO	0x2B	
0.00444684	SPI	MOSI	0x19	MISO	0xFF	Read FSC1: Full-scale Calibartion Byte 1 (mid)
0.00445148	SPI	MOSI	0x00	MISO	0xFF	
0.004488616	SPI	MOSI	0x00	MISO	0x06	
0.004533292	SPI	MOSI	0x1A	MISO	0x00	Read FSC2: Full-scale Calibartion Byte 2 (MSB)
0.004537932	SPI	MOSI	0x00	MISO	0x00	
0.004575068	SPI	MOSI	0x00	MISO	0x45	3 bytes default = 45 06 2B (DSP never wrote to these bytes)