		b7	b6	b5	b4	b3	b2	b1	b0					*samples*	*LED modality*	*channels to sample*
		LED B	LED G	LED R	avg samples bit1	avg samples bit 0	LED modality	TMP status	LDR status							
0x00	CTRL_Reg_1															
		0	0	0	0	0	0	0	0	00000000	00	0x00		1 campione	L D R	*stopped*
		0	0	0	0	0	0	0	1	00000001	01	0x01				LDR
		0	0	0	0	0	0	1	0	00000010	02	0x02				TMP
		0	0	0	0	0	0	1	1	00000011	03	0x03				both
		0	0	0	0	0	1	0	0	00000100	04	0x04			T M P	*stopped*
		0	0	0	0	0	1	0	1	00000101	05	0x05				LDR
		0	0	0	0	0	1	1	0	00000110	06	0x06				TMP
		0	0	0	0	0	1	1	1	00000111	07	0x07				both
		0	0	0	0	1	0	0	0	00001000	08	0x08		2 campioni	L D R	*stopped*
		0	0	0	0	1	0	0	1	00001001	09	0x09				LDR
		0	0	0	0	1	0	1	0	00001010	0A	0x0A				TMP
		0	0	0	0	1	0	1	1	00001011	0B	0x0B				both
		0	0	0	0	1	1	0	0	00001100	0C	0x0C			T M P	*stopped*
		0	0	0	0	1	1	0	1	00001101	0D	0x0D				LDR
		0	0	0	0	1	1	1	0	00001110	0E	0x0E				TMP
		0	0	0	0	1	1	1	1	00001111	0F	0x0F				both
		0	0	0	1	0	0	0	0	00010000	10	0x10		3 campioni	L D R	*stopped*
		0	0	0	1	0	0	0	1	00010001	11	0x11				LDR
		0	0	0	1	0	0	1	0	00010010	12	0x12				TMP
		0	0	0	1	0	0	1	1	00010011	13	0x13				both
		0	0	0	1	0	1	0	0	00010100	14	0x14			T M P	*stopped*
		0	0	0	1	0	1	0	1	00010101	15	0x15				LDR
		0	0	0	1	0	1	1	0	00010110	16	0x16				TMP
		0	0	0	1	0	1	1	1	00010111	17	0x17				both
		0	0	0	1	1	0	0	0	00011000	18	0x18		4 campioni	L D R	*stopped*
		0	0	0	1	1	0	0	1	00011001	19	0x19				LDR
		0	0	0	1	1	0	1	0	00011010	1A	0x1A				TMP
		0	0	0	1	1	0	1	1	00011011	1B	0x1B				both
		0	0	0	1	1	1	0	0	00011100	1C	0x1C			T M P	*stopped*
		0	0	0	1	1	1	0	1	00011101	1D	0x1D				LDR
		0	0	0	1	1	1	1	0	00011110	1E	0x1E				TMP
		0	0	0	1	1	1	1	1	00011111	1F	0x1F				both