

#	Function	TLC5925 outputs																TLC5925 code																				
		SET_SERIAL	SET_PARALLEL	OUT_ENABLE1	OUT_ENABLE2	SENSE1_ON	SENSE2_ON	Serial/Parallel (LED_SP)	Out2 (LED_O2)	Sense2 (LED_S2)	Rprog2 (LED_PROG2)	CC2 (LED_CC2)	CV2 (LED_CV2)	Out1 (LED_O1)	Sense1 (LED_S1)	Rprog1 (LED_PROG1)	CC1 (LED_CC1)		CV1 (LED_CV1)	Stand-by	LED_PWR	K_S2	LED_O2	LED_S2	LED_PROG2	LED_CC2	K_PAR	K_SER	LED_CV1	LED_CC1	LED_S1	LED_PROG1	LED_SP	LED_O1	K_S1	LED_CV2		
1	Serial (no remote sensing)	1	0	1	1	0	0														0	0	0	0	0	X	0	1	X	X	0	0	1	0	0	X	0108h	
2	Parallel (no remote sensing)	0	1	1	1	0	0														0	0	0	0	0	X	1	0	X	X	0	0	1	0	0	X	0208h	
3	Parallel (with remote sensing)	0	1	1	1	1	0														0	1	0	1	0	X	1	0	X	X	1	0	1	0	1	X	522Ah	
4	Ch#2 only (no remote sensing)	0	0	0	1	0	0														0	0	1	0	X	X	0	0	0	0	0	0	0	0	0	0	2000h	
5	Ch#2 only (with remote sensing)	0	0	0	1	0	1														0	1	1	0	X	X	0	0	0	0	0	0	0	0	0	0	0	6000h
6	Ch#1 only (no remote sensing)	0	0	1	0	0	0														0	0	0	0	0	0	0	0	X	X	0	X	0	1	0	X	0004h	
7	Ch#1 only (with remote sensing)	0	0	1	0	1	0														0	0	0	0	0	0	0	0	X	X	1	X	0	1	1	X	0026h	
8	Both ch (no remote sensing)	0	0	1	1	0	0														0	0	1	0	0	X	0	0	X	X	0	X	0	1	0	X	2004h	
9	Both ch (with remote sensing)	0	0	1	1	1	1														0	1	1	0	0	X	0	0	X	X	1	X	0	1	1	X	6026h	
10	PSU in stand-by mode	0	0	0	0	X	X													1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8000h	
11	Ch#1 remote programming	0	0	1	0	X	X														0	X	X	X	X	X	X	X	X	X	X	1	0	X	X	X	0010h	
12	Ch#2 remote programming	0	0	0	1	X	X														0	X	X	X	1	X	X	X	X	X	X	X	0	X	X	X	0800h	
13	Ch#1 CV mode	X	X	1	X	X	X														0	X	X	X	X	X	X	X	1	0	X	X	0	1	X	X	0084h	
14	Ch#1 CC mode	X	X	1	X	X	X														0	X	X	X	X	X	X	X	0	1	X	X	0	1	X	X	0044h	
15	Ch#2 CV mode	X	X	X	1	X	X														0	X	1	X	X	0	X	X	X	X	X	X	0	X	X	1	2001h	
16	Ch#2 CC mode	X	X	X	1	X	X														0	X	1	X	X	1	X	X	X	X	X	X	0	X	X	0	2400h	

Notes:

- The Remote sense (VOLTage:SENSe) is forbidden when channels are grouped in serial (SYSTem:GROup:SERial).
- Before channel grouping in serial or parallel all outputs has to be switched off ([OUTPut OFF](#)). New output enable can follow only after 20ms guard time that is required for relay contacts to stabilize ([debouncing](#)).