

#	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)	Standby-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	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	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	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	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	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	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).

More info at www.envox.hr/eez or github.com/eez-open