

		Channel 2												Channel 1				TLC5925 outputs															
	SET_SERIAL	SET_PARALLEL	OUT_ENABLE1	OUT_ENABLE2	SENSE1_ON	SENSE2_ON	Out+ (LED_O2+)	S+ (LED_S2+)	S- (LED_S2-)	Out- (LED_O2-)	Out- (LED1)	S- (LED2)	S+ (LED3)	Out+ (LED4)	Standby-by	LED_PWR	K_S2	LED_O2+	LED_S2+	LED_S2-	LED_O2-	K_PAR	K_SER	LED_O1+ Green	LED_O1+ Red	LED_S1+	LED_S1-	LED_O1- Green	LED_O1- Red	K_S1	Not used		
																15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
1	Serial (no remote sensing)	1	X	1	1	0	0									0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	X		
2	Parallel (no remote sensing)	0	1	1	1	0	X									0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	X		
3	Parallel (remote sensing)	0	1	1	1	1	0									0	0	0	0	0	0	1	0	0	1	1	1	0	1	1	X		
4	Ch#2 only (no remote sensing)	0	0	0	1	X	0									0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	X		
5	Ch#2 only (with remote sensing)	0	0	0	1	X	1									0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	X		
6	Ch#1 only (no remote sensing)	0	0	1	0	0	X									0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	X		
7	Ch#1 only (with remote sensing)	0	0	1	0	1	X									0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	X		
8	Both ch (no remote sensing)	0	0	1	1	0	0									0	0	1	0	0	1	0	0	1	0	0	0	1	0	0	X		
9	Both ch (with remote sensing)	0	0	1	1	1	1									0	1	1	1	1	1	0	0	1	0	1	1	1	0	1	X		
10	Both ch (#1 no remote sensing)	0	0	1	1	0	1									0	0	1	1	1	1	0	0	1	0	0	0	1	0	0	X		
11	Both ch (#2 no remote sensing)	0	0	1	1	1	0									0	0	1	0	0	0	0	0	1	0	1	1	1	0	0	X		
12	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	X		

X – don't care

Notes:

The Remote sense (OUTPut: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)

Regardless of built-in hardware protection never turn on Out8 and Out9 concurrently.