#	Function	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- (LED_O1+)	S- (LED_S1+)	S+ (LED_S1-)	Out+ (LED_O1-)	Standy-by	LED_PWR 15	K_S2 14	LED_O2+ 13	LED_S2+ 12	LED_S2- 11	LED_O2- 10	K_PAR 9	K_SER 8	LED_O1+ Green 7	LED_O1+ Red 6	LED_S1+ 5	LED_S1- 4	LED_O1- Green 3	LED_O1- Red 2	K_S1 1	Not used 0	TLC5925 code
1	Serial (no remote sensing)	1	X	1	1	0	0					●red			●red		0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	X	0144h
2	Parallel (no remote sensing)	0	1	1	1	0	X					●red			●red		0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	X	0244h
3	Parallel (with remote sensing)	0	1	1	1	1	0					●red	●yellow	●yellow	●red		0	0	0	0	0	0	1	0	0	1	1	1	0	1	1	X	0276h
4	Ch#2 only (no remote sensing)	0	0	0	1	X	0	●green			●green						0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	X	2400h
5	Ch#2 only (with remote sensing)	0	0	0	1	X	1	●green	●yellow	●yellow	●green						0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	X	7C00h
6	Ch#1 only (no remote sensing)	0	0	1	0	0	X					●green			●green		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	X	0088h
7	Ch#1 only (with remote sensing)	0	0	1	0	1	X					●green	●yellow	●yellow	●green		0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	X	00BAh
8	Both ch (no remote sensing)	0	0	1	1	0	0	●green			●green	●green			●green		0	0	1	0	0	1	0	0	1	0	0	0	1	0	0	X	2488h
9	Both ch (with remote sensing)	0	0	1	1	1	1	●green	●yellow	●yellow	●green	●green	●yellow	●yellow	●green		0	1	1	1	1	1	0	0	1	0	1	1	1	0	1	X	7CBAh
10	Both ch (#1 no remote sensing)	0	0	1	1	0	1	●green	●yellow	●yellow	●green	●green			●green		0	1	1	1	1	1	0	0	1	0	0	0	1	0	0	X	7C88h
11	Both ch (#2 no remote sensing)	0	0	1	1	1	0	●green			●green	●green	●yellow	●yellow	●green		0	0	1	0	0	1	0	0	1	0	1	1	1	0	1	X	24BAh
12	PSU in stand-by mode	0	0	0	0	X	X									●blue	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	8000h

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.