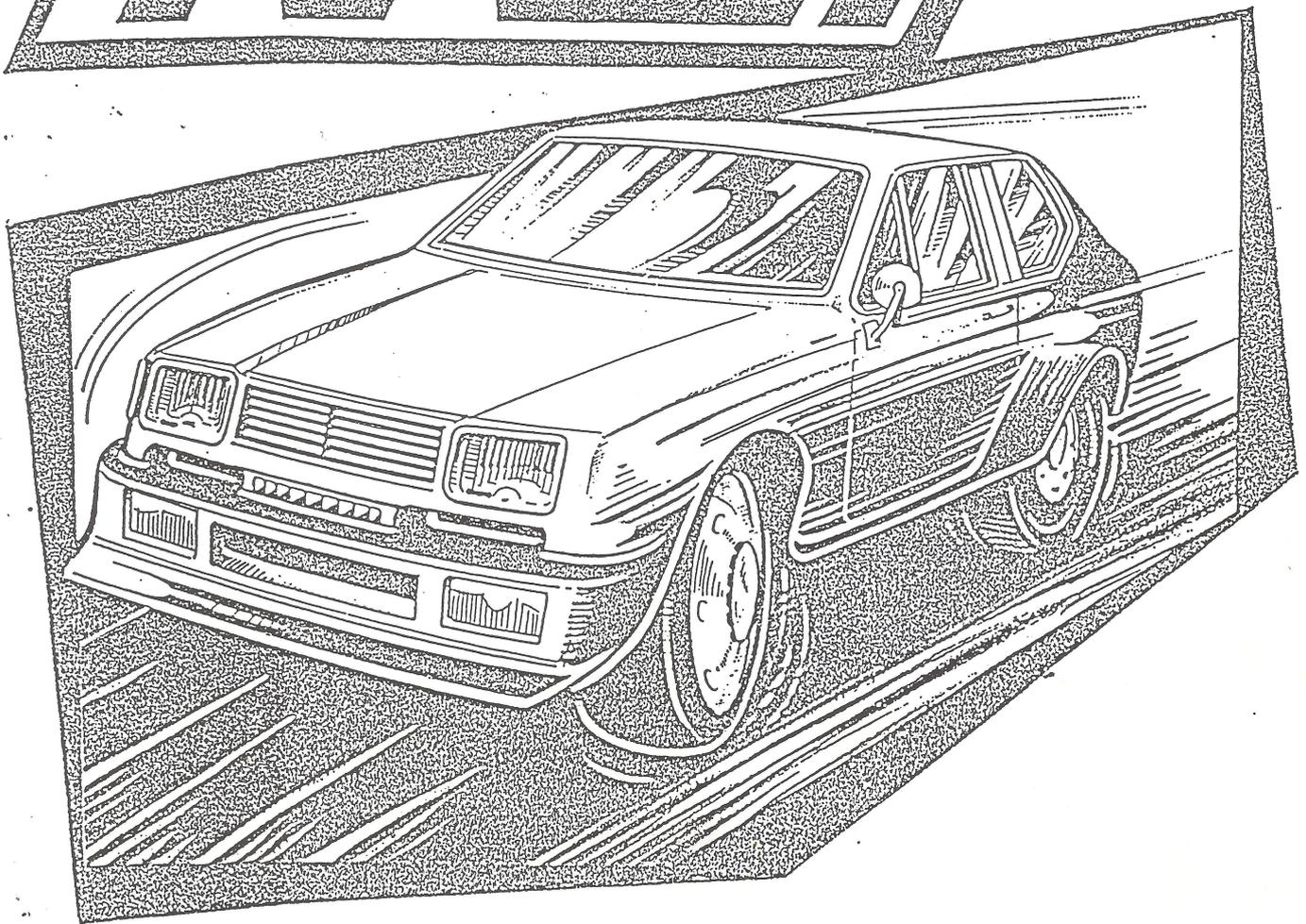
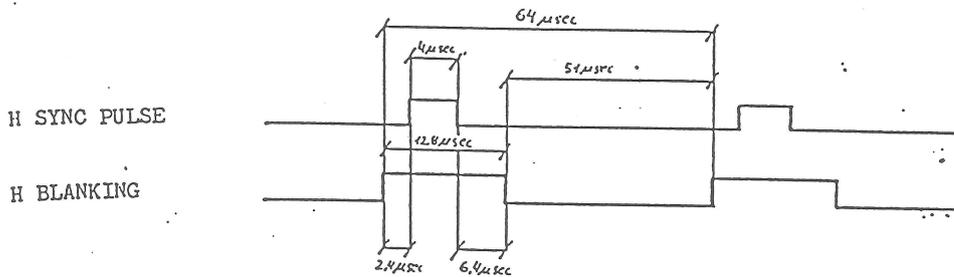


TRAVEL
TRAVEL



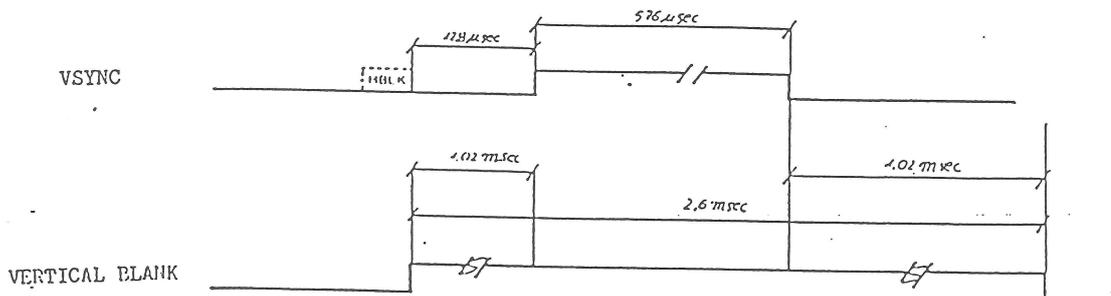
TIMING DIAGRAM

HORIZONTAL FREQUENCY 15,6 KHZ

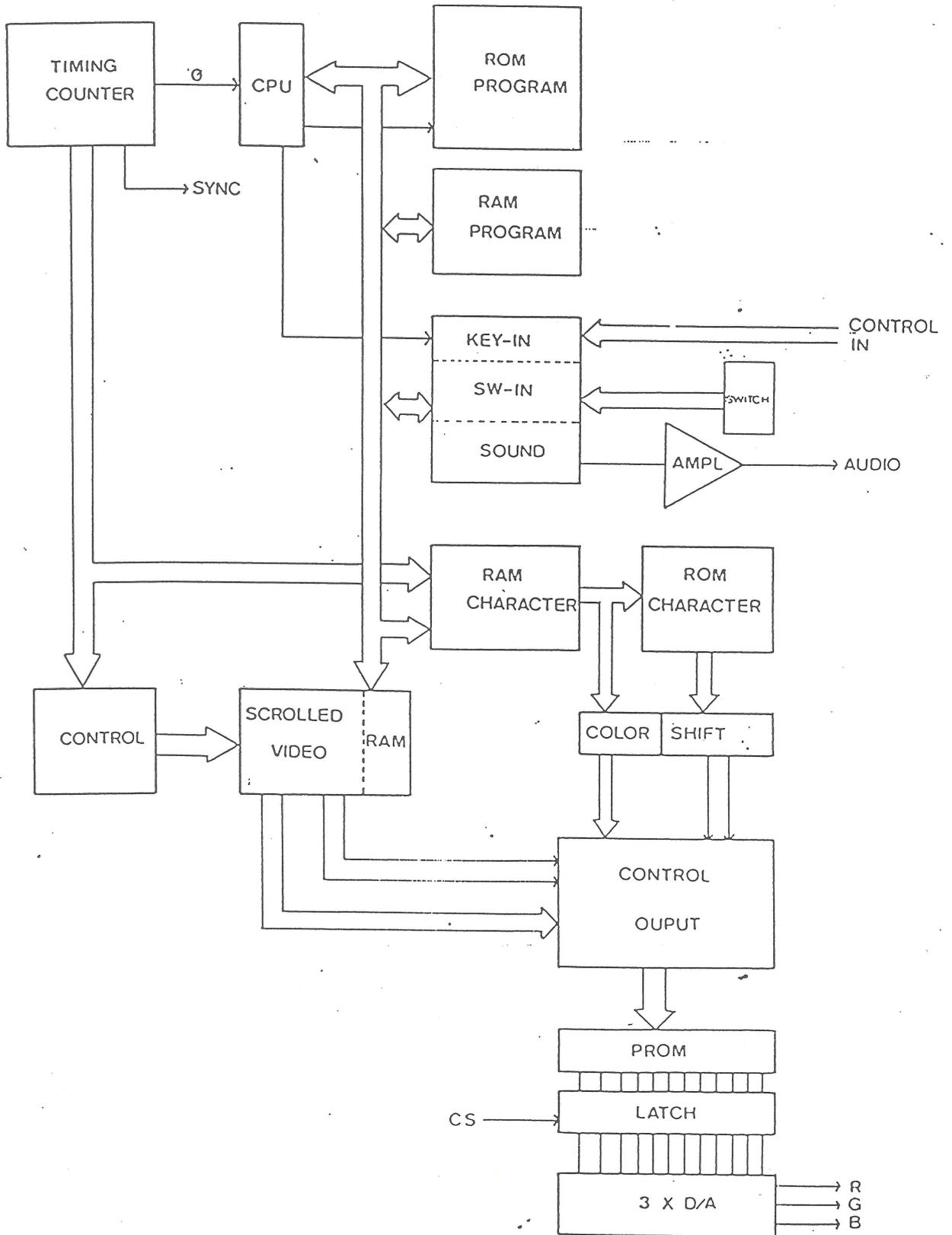


VERTICAL FREQUENCY 58,9 HZ

V SYNC PULSE



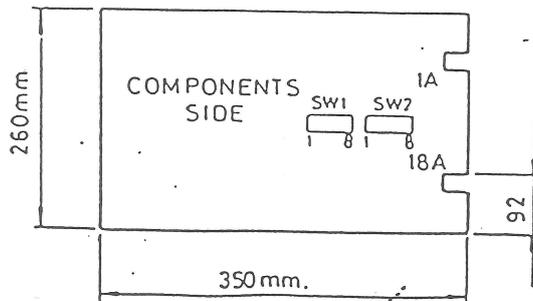
BLOCK DIAGRAM



JOY..STICK (SW2/7, OFF)

Maneta

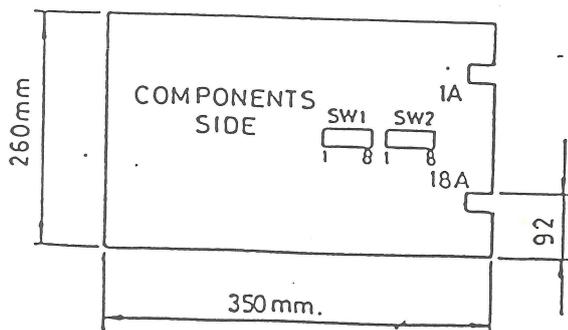
COMPONENTS SIDE			SOLDERING SIDE
+ 5 VCC	1A	1B	GND
+ 5 VCC	2A	2B	GND
+ 12 VDC	3A	3B	+ 12 VCC AUDIO.
1P LOW SPEED	4A	4B	
1P HIGHT SPEED	5A	5B	
2P LOW SPEED	6A	6B	1P LEFT
2P HIGHT SPEED	7A	7B	1P RIGHT
2 PLAYERS	8A	8B	
1 PLAYER	9A	9B	
COIN 2	10A	10B	2P LEFT
COIN 1	11A	11B	2P RIGHT
BLUE	12A	12B	COUNTER ONE
RED	13A	13B	COUNTER TWO
GREEN	14A	14B	
SYNCRO	15A	15B	SPEAKER
+ 12 VCC AUDIO	16A	16B	SPEAKER
GND AUDIO	17A	17B	+ 5 VCC
GND	18A	18B	+ 5 VCC



STEERING WHEEL (SW2/7, ON)

Volante

COMPONENTS SIDE			SOLDERING SIDE
+ 5 VCC	1A	1B	GND
+ 5 VCC	2A	2B	GND
+ 12 VDC	3A	3B	+ 12 VCC AUDIO...
GEAR CHANGE	4A	4B	DRIVE WHEEL A
	5A	5B	DRIVE WHEEL B
	6A	6B	
	7A	7B	
2 PLAYERS	8A	8B	SPEED PEDAL
1 PLAYER	9A	9B	
COIN 2	10A	10B	
COIN 1	11A	11B	
BLUE	12A	12B	COUNTER ONE
RED	13A	13B	COUNTER TWO
GREEN	14A	14B	
SYNCRO	15A	15B	SPEAKER
+ 12 VCC AUDIO	16A	16B	SPEAKER
GND AUDIO	17A	17B	+ 5 VCC
GND	18A	18B	+ 5 VCC



DIP SWITCH 1

	1	2	3	4	5	6	7	8
TEST	ON							
NO TEST	OFF							
EXHIBITION SOUND ON.		ON						
EXHIBITION SOUND OFF		OFF						
DRIVE WHEEL 150 IMPULSES/TURN			ON	ON				
DRIVE WHEEL 70 IMPULSES/TURN			OFF	ON				
DRIVE WHEEL 50 IMPULSES/TURN			ON	OFF				
DRIVE WHEEL 35 IMPULSES/TURN			OFF	OFF				
FREE PLAY					ON			
COIN PLAY					OFF			
NO EXTRA TIME						ON	ON	
EXTRA TIME						OFF	ON	
10 SEC. EXTRA TIME						ON	OFF	
15 SEC. EXTRA TIME						OFF	OFF	
VERTICAL PLAY								ON
TABLE PLAY								ON
STANDARD SETING	OFF	ON						

DIP SWITCH 2

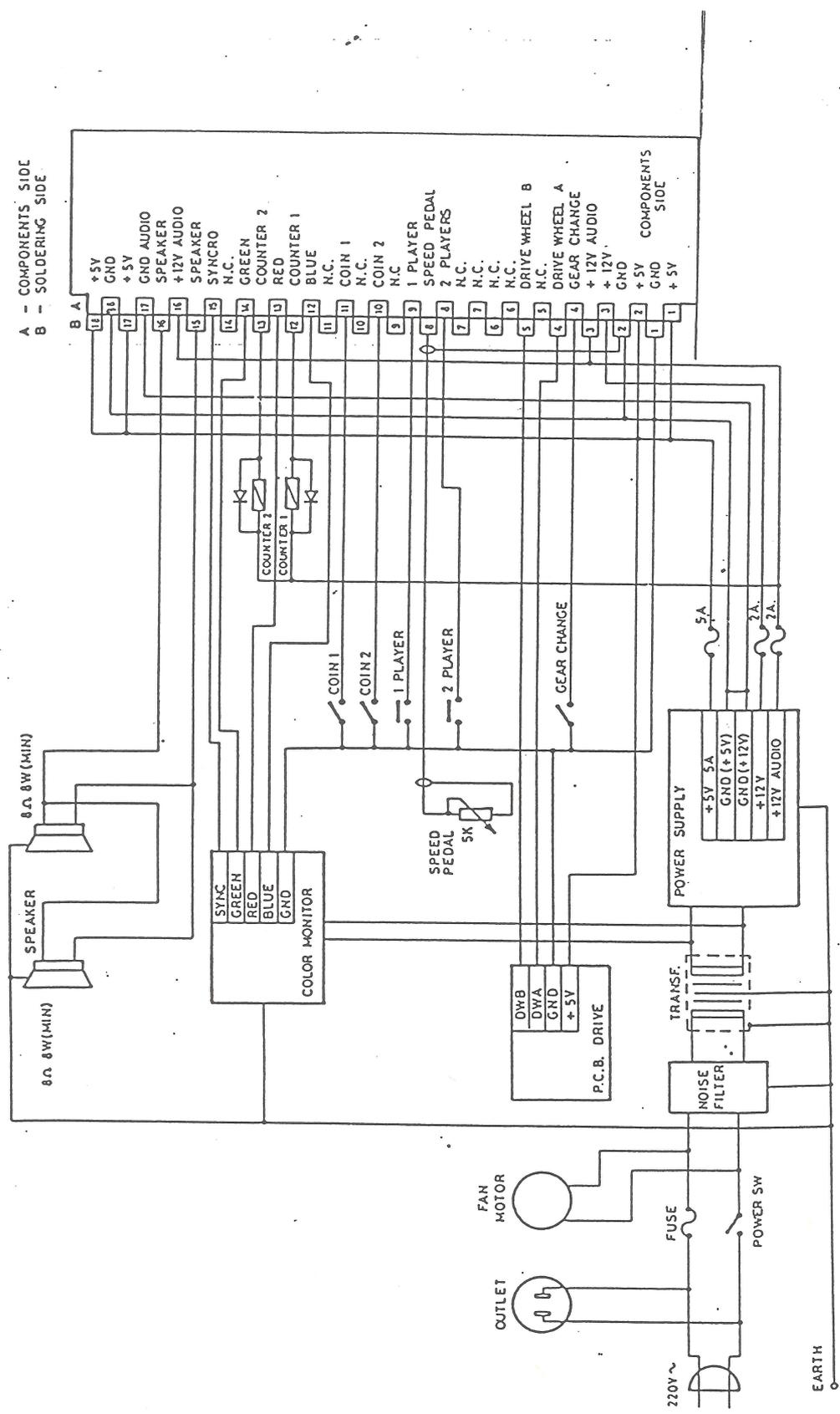
	1	2	3	4	5	6	7	8
LEFT 1 COIN 1 CREDIT	ON	ON						
LEFT 2 COIN 1 CREDIT	OFF	ON						
LEFT 3 COIN 1 CREDIT	ON	OFF						
LEFT 4 COIN 1 CREDIT	OFF	OFF						
RIGHT 1 COIN 2 CREDITS			ON	ON				
RIGHT 1 COIN 3 CREDITS			OFF	ON				
RIGHT 1 COIN 4 CREDITS			ON	OFF				
RIGHT 1 COIN 6 CREDITS			OFF	OFF				
					ON			
					OFF			
EASY						ON		
DIFFICULT						OFF		
STEERING WHELL							ON	
JOY STICK							OFF	
FREEZE FRAME (PUSH BUTTON 1..PLAYER)								ON
								OFF
STANDAR SETING	ON	ON	ON	ON	OFF	ON	ON	OFF

COIN CASE

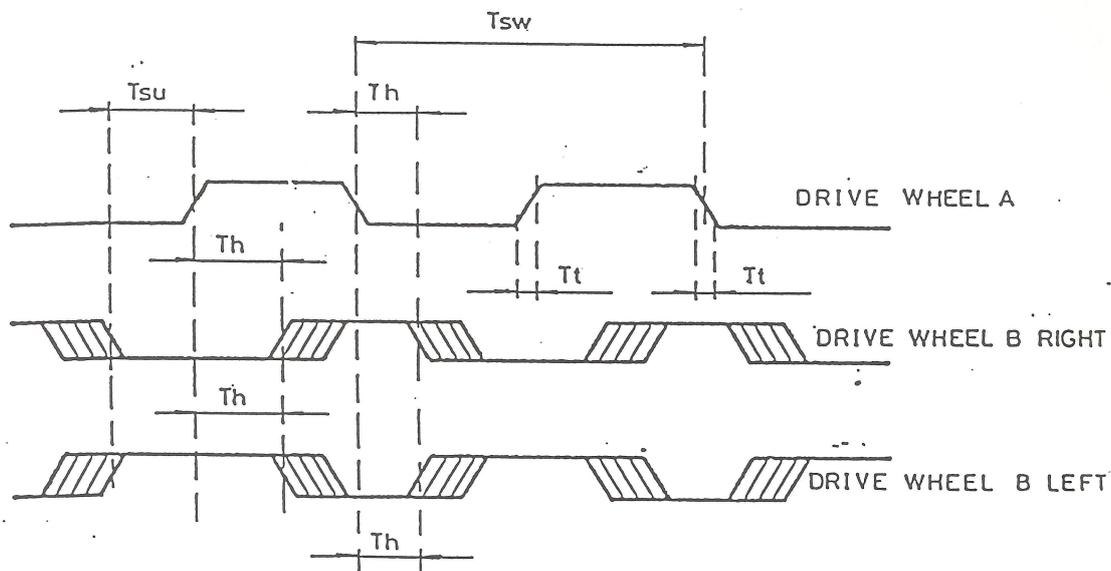
	SW2/1	SW2/2	COIN 1	COIN 2
SW1/8 ON * 1	ON	ON	4 COIN : 1 PLAY	
	CASE 1			
	ON	OFF	5 COIN : 1 PLAY	1 COIN : 1 PLAY
	CASE 2			
* 1	OFF	ON	2 COIN : 1 PLAY 5 COIN : 3 PLAY	1 COIN : 3 PLAY
	CASE 3			
	OFF	OFF	3 COIN : 1 PLAY 5 COIN : 2 PLAY	1 COIN : 2 PLAY
	CASE 4			
SW1/8 OFF * 2	ON	ON	1 COIN : 1 PLAY	1 COIN : 2 PLAY
	CASE 1			
	OFF	ON	1 COIN : 1 PLAY 2 COIN : 3 PLAY	2 COIN : 3 PLAY
	CASE 2			
* 2	OFF	ON	2 COIN : 1 PLAY	1 COIN : 1 PLAY
	CASE 3			
	OFF	OFF	3 COIN : 1 PLAY	
	CASE 4			

* 1 COIN 2 = 5 x COIN 1

* 2 COIN 2 = 2 x COIN 1



DRIVE WHEEL SPECIFICATIONS



PARAMETER	MIN	TYP	MAX	UNIT
V _{ih} High-level input voltage	2,4		V _{cc} + 0,5	V
V _{il} Low-level input voltage			0,6	V
I _{il} Low-level input current			- 3,2	mA
T _{su} Set up time	0			ns
T _{sw} Clock	1			ms
T _h Hold time	100			μs
T _t Transition time			10	ns