	1				0	
	De	rion	Pso	cadusi	e Tri	the Table, and logic diagram
	6	sigr	VA A SE AS		ALAL	many the form that the same of
	Given variables: HS(headlights), D(door), IS(ignition) [CLOSED/OFF=0, OPENYON=1] A(Alcum)					
	[CLOSED/OFF=O OPEN/ON=1]					
	Based on conditions given for alarm ON: condition1: HS. IS 2 -> A = HS. IS + D. IS					
	condition1: HS. IS 2 => A = HS. IS + D. IS					
	co	nditio	n2! D	1.25	11	
				sla-		
_	78	uth	table	: (E	nable=1) for the negative logic
			riacido moralista amendo			3-ta-8 decoder,
		D	IS	HS	A	- I reforder of code to
. 0	/	0	0-	0.	0	1 1 = D+JS+ HS
- 0		0	0	IN	1.0	X= D+IS+HS
		0	10	0	0	X=D+IS+HS
•	The state of the s	0	1	1	0	1/3=D+IS+HS
1		1	0	0	0-1	Y4= 5+ JS+HS
		1	0	1	1 1	Y5= D+15+15
		. 1-	7	0	1-1	16 = 5+IS+HS
.1,		11	1	1	11	17=D+IS+HS
	71	sina	a 3:	8 dec	oder,	The state of the s
		J	a 3: A= 5	Ti+ 75+	- Y6 + Y-	1 Sangue F
					70-	Willia.
		D-	500 500 100 100	3-10-8	Y2-	TO WINE TING
	IS decoder 13- 1 1 17+14-18					
		HS-	A CALLED		147	
		N.			海工	Do 11/2 - 1/2 - 1/2
			- Anna Constant	enegy or hallowing them to an amount of the last	17]	210000

Page No. Date using only 2-input NAND gates: D-IS+HS-IS (MUNDY)