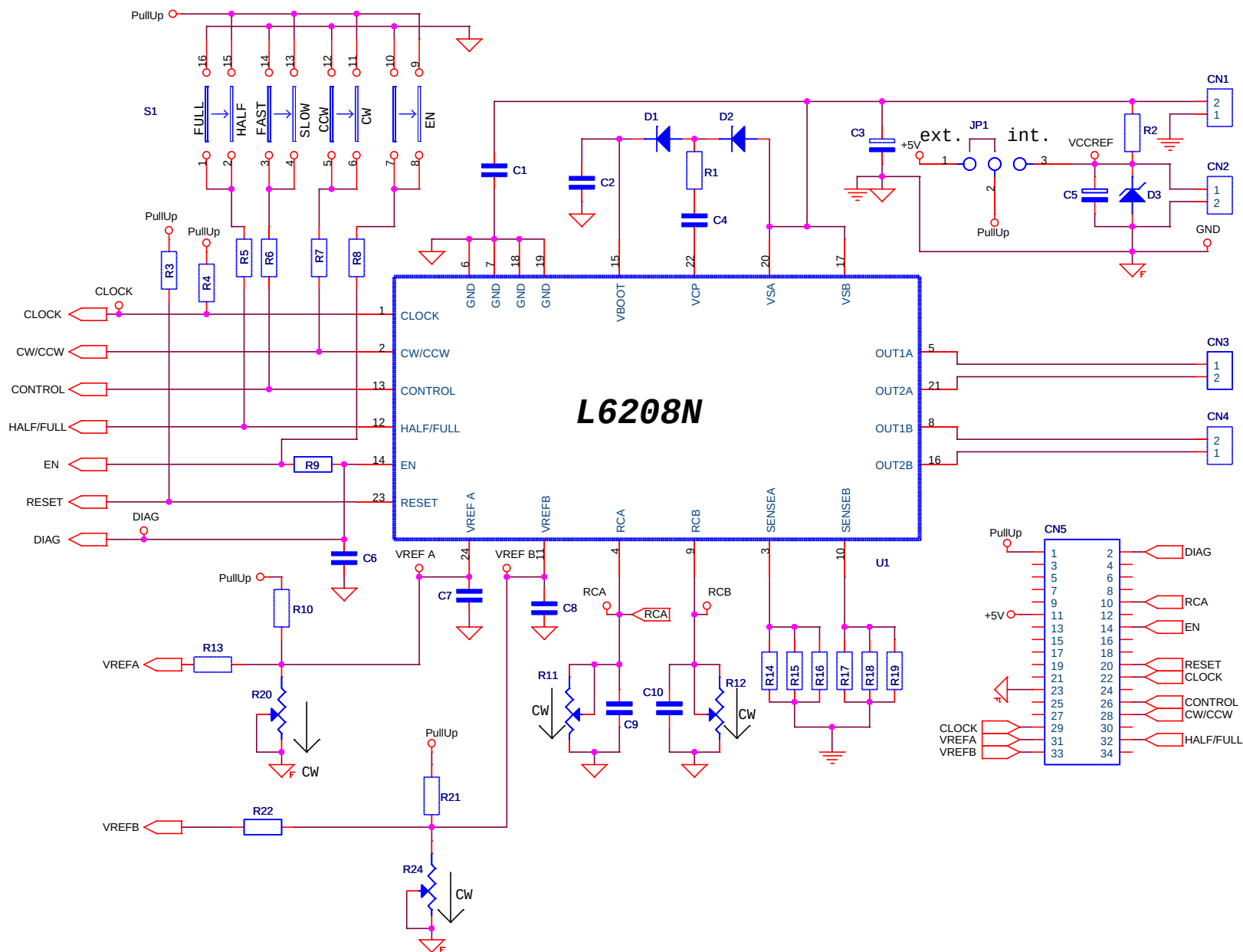




STMicroelectronics Industrial&Power Supply Application LAB		
Title		
L 6208 EVALUATION BOARD		
Size	Document Number	Rev
	1	2.1
Date:	Tuesday, January 18, 2005	Sheet 1 of 1

L 6208 EVALUATION BOARD
 1 Revision: 2.1
 Bill Of Materials

Item	Quantity	Reference	Part
1	4	CN1,CN2,CN3,CN4	CON 2 pins
2	1	CN5	CON 34 pins
3	1	C1	Kemet Electronics 220nF/100V CER
4	1	C2	Siemens Matsushita 220nF/100V POLIEST
5	1	C3	Panasonic FA 100uF/63V
6	1	C4	Siemens Matsushita 10nF/100V CER
7	1	C5	Panasonic KG 10uF/16V
8	1	C6	100nF
9	2	C8,C7	68nF ceramic
10	2	C10,C9	820pF
11	2	D1,D2	1N4148
12	1	D3	Zener BZX79C5V1
13	1	JP1	JUMPER 3x1
14	1	R1	100 5% 0.25W
15	1	R2	820 0.6W
16	6	R3,R4,R5, R6,R7,R8	10k 5% 0.25W
17	1	R9	4.7k 1% 1/4W
18	2	R10,R21	20k 1% 1/4W
19	2	R11,R12	Spectrol74W 100k
20	2	R13,R22	2.2k
21	6	R14,R15,R16, R17,R18,R19	10HM 0,4W
22	2	R24,R20	Spectrol74W 5k
23	1	S1	4 SW 2 pos
24	1	U1	L6208N

Important Notes

- JP1 : close in INT position for use with PractiSPIN ST7 board
 C6 : recommended change to 5.6nF for safe Overcurrent protection
 R8 : recommended change to 100k for safe Overcurrent protection
 R9 : recommended change to 100k if EN pin is driven
 from the CN5 connector (for example with PractiSPIN ST7 board),
 for safe Overcurrent protection
 R20, R24 : set the maximum current obtainable through PractiSPIN
 (see PractiSPIN documentation)
 R2 : recommended change to adequate value (depending on supply voltage)
 to obtain 5V across D3