



L 6208PD 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	CON34 pins
3	1	C1	Siemens Matsushita 220nF/100V POLIEST
4	1	C2	Kemet Electronics 220nF/100V CER
5	1	C3	Panasonic FA 100uF/63V
6	1	C4	Siemens Matsushita 10nF/100V CER
7	1	C5	Panasonic KG 10uF/16V
8	2	C9,C6	68nF SMD
9	2	C8,C7	820pF
10	1	C12	100nF
11	1	D1	Bat46SW
12	1	D2	Zener BZX79C5V1
13	1	JP1	JUMPER 3x1
14	1	R1	Philips MRS25 3.5k 0.6W 1%
15	6	R2,R3,R4,R5,R6,R7	10k 5% 0.25W SMD
16	2	R17,R8	Spectrol74W 5k
17	2	R19,R9	2.2k ohm SMD
18	2	R10,R11	Spectrol74W 100k
19	4	R12,R13,R14,R15	0.4 Ohm 1W 1% DALE WSL-2512
20	2	R20,R16	20k 1% SMD
21	1	R18	100 ohm SMD
22	1	R21	4.7k 5% 0.25W SMD
23	1	S1	quad SW 2pos
24	1	U1	L6208PD

Important Notes

- JP1 : close in INT position for use with PractiSPIN ST7 board
- C12 : recommended change to 5.6nF for safe Overcurrent protection
- R7 : recommended change to 100k for safe Overcurrent protection
- R21 : recommended change to 100k if EN pin is driven from the CN5 connector (for example with PractiSPIN ST7 board)
- R8, R17 : set the maximum current obtainable through PractiSPIN (see PractiSPIN documentation)
- R1 : recommended change to adequate value (depending on supply voltage) to obtain 5V across D2