

## Blad1

Lnet I/o with 2 x RFID input  
 GCA51  
 Bill Of Materials

Revised:  
 Revision:

Qty	Reference	Part
1	R1	220K
3	R2,R17,R18	10 KOhm
1	R3	22 KOhm
1	R4	150 KOhm
1	R5	47 KOhm
1	R6	2,2 Kohm
1	R7	33 Ohm
2	R8,R20	470 Ohm
9	R9..R16, R19	220 Ohm
2	RP1,RP2 (*)	ARRAY 4 x 470 KOhm / 10 Kohm STAR SIL5
1	C1	ELCO 100 uF minimum 16V
1	C2	ELCO 1..10 uF minimum 16V
10	C3.. C12	100 nF 2,5 mm Pitch
4	D1 .. D4	DIODE 1N5818
1	T1	BC337-40
1	U1	ARDUINO Nano
1	U2	LM311
1	VR1 (**)	R-78E5.0-1.0
8	H1 .. H8	PSS 254-3G
2	L1,L2	LED 3mm rood
1	J1	PSS 254-10G
1	J3	D-SUB ST 09EU
1	J4	D-SUB BU 09EU
2	RC522-1,RC522-2	PSS 254-8G
3	J5 .. J7	RJ12 socket Farnell 1536490

(\*) see description on <http://wiki.rocrail.net/doku.php?id=gca51-en>

(\*\*) standard LM 7805 is also possible)

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