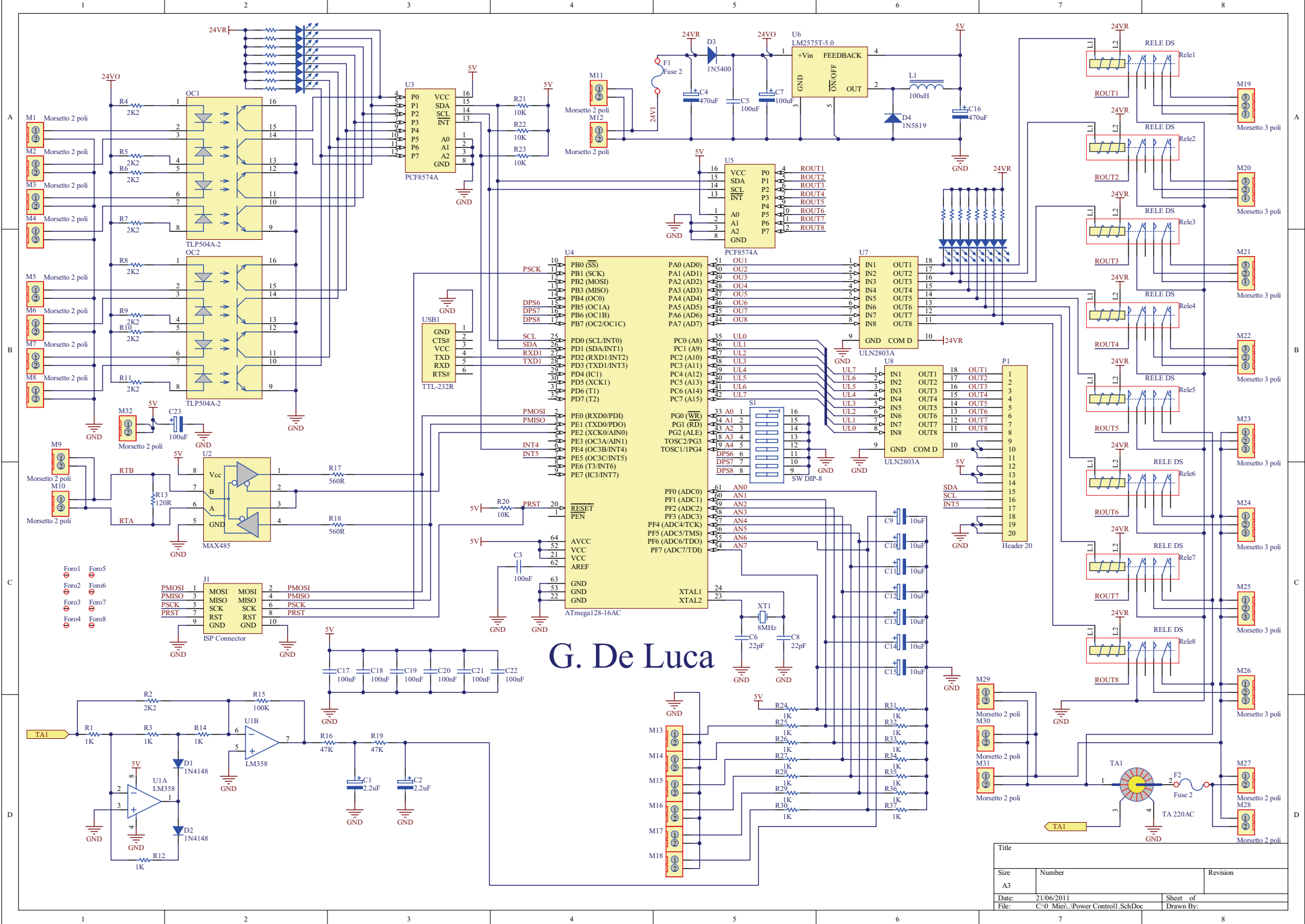




G. De Luca

Title		
Size	Number	Revision
A3		
Date:	21/06/2011	Sheet of
File:	C:\0 Miel\Power Control\SchDoc	Drawn By:

Bill of Materials

Bill of Materials For Project [Power Control.PrjPCB] (No PCB Document Sel

Source Data From: Power Control.PrjPCB
 Project: Power Control.PrjPCB
 Variant: None

Creation Date: 21/06/2011 10.05.50
 Print Date: 40715 40715.42075

Footprint	Comment	LibRef	Designator	Description	Quantity
CAP_EL_5M	2.2uF	Cap Elettro2	C1, C2	Condensatore Elettrolitico	2
M					
CAP_100	100nF	Cap	C3, C5, C17, C18, C19, C20, C21, C22	Condensatore multistrato 100 Volt	8
CAP_EL_10M	470uF	Cap Elettro2	C4, C16	Condensatore Elettrolitico	2
M					
CAP_100	22pF	Cap	C6, C8	Condensatore multistrato 100 Volt	2
CAP_EL_10M	100uF	Cap Elettro2	C7	Condensatore Elettrolitico	1
M					
CAP_EL_5M	10uF	Cap Elettro2	C9, C10, C11, C12, C13, C14, C15	Condensatore Elettrolitico	7
M					
CAP_EL_5M	100uF	Cap Elettro2	C23	Condensatore Elettrolitico	1
M					
DO-35	1N4148	Diode 1N4148	D1, D2	High Conductance Fast Diode	2
DIO DO	1N5400	Diode 1N5400	D3	3 Amp General Purpose Rectifier	1
PASSO 14					
DO-41	1N5819	Diode 1N4001	D4	1 Amp General Purpose Rectifier	1
FUSE_5X20	Fuse 2	Fuse 2	F1, F2	Fuse	2
FORO3	3mm	FORO3	Foro1, Foro2, Foro3, Foro4, Foro5, Foro6, Foro7, Foro8	Foro 3 mm per distanziatore	8
IDC10	ISP Connector	ISP10PIN	J1	10 Pin Bascom Sample Programming	1
INDUTTANZA	100uH	Induttanza	L1	Induttanza ad Anello	1
A_15X7					
LED3	LED	LED	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16	LED	16
MORSETTO	Morsetto 2 poli	Morsetto_2P	M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M27, M28, M29, M30, M31, M32	Morsetto 2 poli passo 5mm	24
2P					
MORSETTO	Morsetto 3 poli	Morsetto_3P	M19, M20, M21, M22, M23, M24, M25, M26	Morsetto 3 poli passo 5mm	8
3P					
DIP16	TLP504A-2	TLP504A-2	OC1, OC2	Photocoupler GaAs Ired & Photo - Transistor	2
HDR1X20	Header 20	Header 20	P1	Header, 20-Pin	1
RES10	1K	RES passo 10	R1, R3, R12, R14, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37	Resistenza 1/4W passo 10mm	18
RES10	2K2	RES passo 10	R2, R4, R5, R6, R7, R8, R9, R10, R11, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53	Resistenza 1/4W passo 10mm	25
RES10	120R	RES passo 10	R13	Resistenza 1/4W passo 10mm	1
RES10	100K	RES passo 10	R15	Resistenza 1/4W passo 10mm	1
RES10	47K	RES passo 10	R16, R19	Resistenza 1/4W passo 10mm	2
RES10	560R	RES passo 10	R17, R18	Resistenza 1/4W passo 10mm	2
RES10	10K	RES passo 10	R20, R21, R22, R23	Resistenza 1/4W passo 10mm	4
RELE_S50IT	RELE DS	RELE Finder	Rele1, Rele2, Rele3, Rele4, Rele5, Rele6, Rele7, Rele8	Resistenza 1/4W passo 10mm	8
DIP_SW_8W	SW DIP-8	SW DIP-8	S1	DIP Switch, 8 Position, SPST	1
AY_DIP					
TA_220AC	TA 220AC	TA 220AC	TA1	Trasformatore Accoppiamento 220VAC	1
DIP8	LM358	LM358	U1	Dual Operational Amplifier	1
DIP8	MAX485	MAX485	U2	Low-Power, Slew-Rate-Limited RS-485/R485 Transceivers	1
DIP16	PCF8574A	PCF8574A	U3, U5	Remote 8-bit I/O expander for I2C-bus	2
64A_N	ATmega128-16AC	ATmega128-16AC	U4	8-Bit AVR Microcontroller with 128K Bytes In-System Programmable Flash Memory	1
TO-220-5P	LM2575T-5.0	LM2575T-5.0	U6		1
DIP18	ULN2803A	ULN2803A	U7, U8	Eight Darlington Array	2
IDC6	TTL-232R	TTL-232R	USB1	Convertitore USB-RS232	1
My_Crystal	8MHz	XTAL	XT1	Crystal Oscillator	1
					163

Approved	Notes