



G. De Luca



Title		
Size	Number	Revision
A4		
Date:	29/06/2011	Sheet of
File:	C:\0_Mieiv\LM629.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
22pF	Condensatore multistrato 100 Volt	C1, C2, C3, C4	C1206	CAP_1206	4
10nF	Condensatore multistrato 100 Volt	C5, C6	CAP_100	CAP_100	2
1000uF	Condensatore Elettrolitico	C7	CAP_EL_10mm	Cap Elettro2	1
100uF	Condensatore Elettrolitico	C8	CAP_EL_10mm	Cap Elettro2	1
100nF	Condensatore multistrato 100 Volt	C9, C10, C11, C12	C1206	CAP_1206	4
3mm	Foro 3 mm per distanziatore	Fa, Fb, Fc, Fd	FORO3	FORO3	4
ISP Connector	10 Pin Bascom Sample Programming	J1	ISP10	ISP10PIN	1
Header 5X2	Header, 5-Pin, Dual row	J2	IDC10	Header 5X2	1
Header 6	Header, 6-Pin	P1, P3	HDR1X6	Header 6	2
10K	Resistenza 1/4W passo 1206	R1, R2	3216[1206]	RES passo 1206	2
2K2	Resistenza 1/4W passo 1206	R3	3216[1206]	RES passo 1206	1
1M	Resistenza 1/4W passo 1206	R6	3216[1206]	RES passo 1206	1
1K	Resistenza 1/4W passo 1206	R7	3216[1206]	RES passo 1206	1
ATmega32	8-bit AVR microcontroller	U1	DIP40	ATmega32	1
LMD629_DIP28		U2	DIP28	LM629_DIP28	1
LMD18200	LMD18200 3A H-Bridge Motor Driver	U3	MULTIWATT_11_V	LMD18200	1
UA7805	Regolatore tensione	U4	TO-220V	REG_78XX	1
74HC04B	Hex Inverter	U8	DIP14	74AC04B	1
TTL-232R	Convertitore FTDI - USB- RS232	USB1	IDC6	TTL-232R	1
16MHz	HC49 vertical crystal	XT1	XTAL2	XTAL1	1
6MHz		XT2	XTAL2	CRYSTAL	1