



G. De Luca

Title		Revision	
Size	A3	Number	
Date:	21/06/2011	Sheet of	
File:	C:\0_Miel_VGAcontroller4.Sch	Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
4 OHM 10W		AP1	MORSETTO_2P	SPEAKER	1
22pF	CAP	C1, C2	CF11	CAP	2
100nF	CAP	C3, C10	CF11	CAP	2
10uF		C4, C16	CAP_EL_1	ELECTRO2	2
1uF	CAP	C5	CF21	CAP	1
1uF		C6	CAP_EL_1	ELECTRO2	1
22uF		C7	CAP_EL_1	ELECTRO2	1
2.2uF		C8	CAP_EL_1	ELECTRO2	1
470uF		C9, C15	CAP_EL_3	ELECTRO2	2
1000uF		C11	CAP_EL_2	ELECTRO2	1
220nF	CAP	C12	CF21	CAP	1
100nF	CAP	C13	CF21	CAP	1
100uF		C14	CAP_EL_3	ELECTRO2	1
.1uF	CAP	C17, C18, C19, C20, C22, C23, C24	CF11	CAP	8
DB15FLC	CONNETTORE 15P VGA	CONN	DB15FLC	DB15VGA	1
1N4001		D1, D2	DIODE_2	DIODE	2
1N5819		D3	DIODE_2	DIODE	1
FUSE 1A		F1	FUSE_5X20	FUSE2	1
100uH		IND1	INDUTTANZA_100	INDUCTOR	1
HEADER5		J1	IDC5	5 HEADER	1
JP2		J2, J4	MORSETTO_2P	JP2	2
KLD-0202		J3	KLD-0202	HEADER 3	1
JP3	JUMPER 3 POLI	J5	JP3	JUMPER3	1
JUMPER3	JUMPER 3 POLI	J6	JP3	JUMPER3	1
HEADER 10		JP1	IDC10	HEADER 10	1
PS2-KEYBOARD	CONNETTORE PS2	JP2	PS2-6POLI	PS2-6POLI	1
J-TAG	STRIP LINE 2X5	JP3	IDC10	10 HEADER	1
Rosso	LED	LED1	LED3MM	LED	1
10K		P1	POTENZIOMETRO_H	POT1	1
10K		P2	TRIMMER_3386H	POT1	1
2K	Resistore	R1, R4, R7	1206	RES1	3
1K	Resistore	R2, R5, R8	1206	RES1	3
R500	Resistore	R3, R6, R9, R10	1206	RES1	4
10K	RESISTENZA, Resistore	R11, R12, R20, R21, R22	1206	RES1, RES1A	5
100K	RESISTENZA	R13, R14, R15	RES10	RES1A	3
4K7	RESISTENZA	R16	RES10	RES1A	1
150K	RESISTENZA	R17	RES10	RES1A	1
1R	RESISTENZA	R18	RES10	RES1A	1
2.2K	RESISTENZA	R19	RES10	RES1A	1
10K	RETE RES 8 SIL	RS1	SIP9	RETE RESISTIVA SIL 8	1
SD-CARD		U1	MMC_CARD	MMC7P	1
DLP-USB232M-G		U2	DLP-USB232M	DLP-USB232M-G	1
ATMEGA128		U3	TQFP64_1	ATMEGA128	1
K6T4008		U4	DIP32	K6T4008A	1
EP3256		U5	TQFP144_L	EP3256	1
LMS1585	Regolatore Tensione 3.3 Volt	U6	TO-263	LMS1585	1
ISD4004	SINGLE CHIP VOICE PLAY RECORD	U7	DIP28	ISD4004	1
TDA2030		U8	PENTAWATT	TDA2003	1
LM2575T-5.0		U9	TO-220-5P	LM2575T-5.0	1
DS1834	RESET	U10	SOIC8	DS1834	1
MAX485		U12, U13	DIP8	MAX485	2
25.175 Mhz	MODULO OSCILLATOR	XT1	OSCILLATORE1	OSCILLATORE	1
17MHZ		XTAL1	XTAL2	CRYSTAL	1