

Partlist exported from C:/Users/Gabriele/Desktop/rover teleguidato/ingenierizzazione - realizzazione/schematici e PCB/schede finali/Arduino MEGA blank shield/backup/Arduino MEGA blank shield.sch at 10/06/2015 09:48:55

Part	Value	Device	Package	Description	MF MPN	OC_FARNELL	OC_NEWARK
ACCELEROMETER		MA05-1	MA05-1	PIN HEADER		unknown	unknown
ADCH		PINHD-1X8	1X08	PIN HEADER			
ADCL		PINHD-1X8	1X08	PIN HEADER			
C1	0u33	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol			
C2	0u1	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol			
C3	0u33	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol			
C4		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol			
C5	0u1	CPOL-EUE2.5-7	E2,5-7	POLARIZED CAPACITOR, European symbol			
C8	100u	CPOL-EUE3.5-8	E3,5-8	POLARIZED CAPACITOR, European symbol			
C9	330u	CPOL-EUE3.5-8	E3,5-8	POLARIZED CAPACITOR, European symbol			
COMMUNICATION		PINHD-1X8	1X08	PIN HEADER			
D2	1N5819	BA221	DO35-10	DIODE			
IC1	7808T	7808T	TO220H	Positive VOLTAGE REGULATOR			
IC2	7805TV	7805TV	TO220V	Positive VOLTAGE REGULATOR			
IC3	LM2575T	LM2575T	TO220-5	National Semiconductor 1.0A "Simple Switcher"(c)			
JP1		PINHD-2X8	2X08	PIN HEADER			
JP2		PINHD-2X8	2X08	PIN HEADER			
JP3		PINHD-1X1	1X01	PIN HEADER			
JP4		PINHD-1X1	1X01	PIN HEADER			
JP5		PINHD-1X1	1X01	PIN HEADER			
JP6		PINHD-1X1	1X01	PIN HEADER			
JP7		PINHD-1X2	1X02	PIN HEADER			
JP8		PINHD-1X2	1X02	PIN HEADER			
L1	330u	INDUCTORAXIAL-0.6	AXIAL-0.6	Inductors			
LED1		LED5MM	LED5MM	LED			
MAGNETOMETER		MA05-1	MA05-1	PIN HEADER		unknown	unknown
POWER		PINHD-1X6	1X06	PIN HEADER			
PWMH		PINHD-1X8	1X08	PIN HEADER			
PWML		PINHD-1X8	1X08	PIN HEADER			
R1	330R	R-EU_0207/10	0207/10	RESISTOR, European			

symbol

R2	330R	R-EU_0207/10	0207/10	RESISTOR, European symbol		
R3		R-EU_0207/10	0207/10	RESISTOR, European symbol		
R4	10K	R-EU_0207/10	0207/10	RESISTOR, European symbol		
S1	TL46PO	TL46PO	TL4XPO	TINY SWITCH ON - ON		
S2		10-XX	B3F- 10XX	OMRON SWITCH	B3F- 1000	176432 36M3542
SG1	F/CM12P	F/CM12P	F/CM12P	BUZZER Source: Buerklin	unknown	unknown
SV1		MA03-1	MA03-1	PIN HEADER	unknown	unknown
SV2		MA03-1	MA03-1	PIN HEADER	unknown	unknown
SV3		MA03-1	MA03-1	PIN HEADER	unknown	unknown
SV4		MA03-1	MA03-1	PIN HEADER	unknown	unknown
SV5		MA05-2	MA05-2	PIN HEADER	unknown	unknown
SV6		FE05-1	FE05-1	FEMALE HEADER	unknown	unknown
T1		BC547A-NPN- TO92-CBE	TO92- CBE	NPN Transistor		
U1	TMP36	TMP36GT9	TO-92	Precision degC temp sensor, analog out		
X1		W237-102	W237- 102	WAGO SCREW CLAMP	237- 102	unknown 70K9898