

COMPONENT LIST *SCH0192AR0*

REF.	DESCRIPTION	ELETTRONIKACODE	Page 1/3
R1	2200Ω 1/4W 1206 SMD RESISTOR	00045A	
R2	2200Ω 1/4W 1206 SMD RESISTOR	00045A	
R3	2200Ω 1/4W 1206 SMD RESISTOR	00045A	
R4	2200Ω 1/4W 1206 SMD RESISTOR	00045A	
R5	1200Ω 1/4W 1206 SMD RESISTOR	00042A	
R6	1200Ω 1/4W 1206 SMD RESISTOR	00042A	
R7	50kΩ MULTITURNS PTH TRIMMER	00800	
R8	50kΩ MULTITURNS PTH TRIMMER	00800	
R9	1200Ω 1/4W 1206 SMD RESISTOR	00042A	
R10	1200Ω 1/4W 1206 SMD RESISTOR	00042A	
R11	18kΩ 1/4W 1206 SMD RESISTOR	00056B	
R12	18kΩ 1/4W 1206 SMD RESISTOR	00056B	
R13	680KΩ 1/4W 1206 SMD RESISTOR	00075A	
R14	0Ω 1/4W 1206 SMD RESISTOR	00001	
R15	50Ω 30W 1512EBX SMD RESISTOR	00416A	
R16	50Ω 60W	00432	
R17	4.7kΩ 1/4W 1206 SMD RESISTOR	00049A	
R18	4.7kΩ 1/4W 1206 SMD RESISTOR	00049A	
R19	3.9Ω 1/4W 1206 SMD RESISTOR	00012A	
R20	3.9Ω 1/4W 1206 SMD RESISTOR	00012A	
R21	3.9Ω 1/4W 1206 SMD RESISTOR	00012A	
R22	3.9Ω 1/4W 1206 SMD RESISTOR	00012A	
R23	1000Ω 1W 2512 SMD RESISTOR	00396	
R24	1000Ω 1W 2512 SMD RESISTOR	00396	
*R25	= R15 (da montare se si inverte l'ingresso)		
*R26	= R26 (da montare se si inverte l'uscita)		
C1	470uF 50V PTH ELECTROLYTIC CAPACITOR	01807B	
C2	470uF 50V PTH ELECTROLYTIC CAPACITOR	01807B	
C3	470uF 50V PTH ELECTROLYTIC CAPACITOR	01807B	
C4	100uF 50V PTH ELECTROLYTIC CAPACITOR	01795	
C5	100uF 50V PTH ELECTROLYTIC CAPACITOR	01795	
C6	1nF ATC 100B CAPACITOR OR EQUIVALENT	01145	
C7	1nF ATC 100B CAPACITOR OR EQUIVALENT	01145	
C8 x 2	2 x 100nF ATC CAPACITOR OR EQUIVALENT	01065H	
C9 x 2	2 x 100nF ATC CAPACITOR OR EQUIVALENT	01065H	
C10 x 4	4 x 100pF ATC 100B CAPACITOR OR EQUIVALENT	01135	
C11 x 4	4 x 100pF ATC 100B CAPACITOR OR EQUIVALENT	01135	
C12	100nF 1210 SMD CAPACITOR	1065G	
C13	100nF 1210 SMD CAPACITOR	1065G	
C14	100nF 1210 SMD CAPACITOR	1065G	
C15	1uF 35V SMD TANTALIUM CAPACITOR	01613A	
C16	1uF 35V SMD TANTALIUM CAPACITOR	01613A	
C17	100nF 1210 SMD CAPACITOR	1065G	

REF.	DESCRIPTION	ELETTRONIKA CODE	Page 2/3
C18	100nF 1210 SMD CAPACITOR	1065G	
C19	10uF 16V SMD TANTALIUM CAPACITOR	01626A	
C20	10uF 16V SMD TANTALIUM CAPACITOR	01626A	
C21	100nF 1210 SMD CAPACITOR	1065G	
C22	100nF 1210 SMD CAPACITOR	1065G	
C23	100nF 1210 SMD CAPACITOR	1065G	
C24	100nF 1210 SMD CAPACITOR	1065G	
C25	1nF ATC 100B CAPACITOR OR EQUIVALENT	01145	
C26	1nF ATC 100B CAPACITOR OR EQUIVALENT	01145	
C27	1nF ATC 100B CAPACITOR OR EQUIVALENT	01145	
C28	1nF ATC 100B CAPACITOR OR EQUIVALENT	01145	
C29	20pF ATC 100B CAPACITOR OR EQUIVALENT	01123	
C30	20pF ATC 100B CAPACITOR OR EQUIVALENT	01123	
C31	20pF ATC 100B CAPACITOR OR EQUIVALENT	01123	
C32	20pF ATC 100B CAPACITOR OR EQUIVALENT	01123	
C33	1.3pF ATC 100B CAPACITOR OR EQUIVALENT	01104	
C34	1.3pF ATC 100B CAPACITOR OR EQUIVALENT	01104	
C35	470pF ATC 100B CAPACITOR OR EQUIVALENT	01143	
C36	470pF ATC 100B CAPACITOR OR EQUIVALENT	01143	
C37	470pF ATC 100B CAPACITOR OR EQUIVALENT	01143	
C38	470pF ATC 100B CAPACITOR OR EQUIVALENT	01143	
C39	4.7pF ATC 100B CAPACITOR OR EQUIVALENT	01108	
C40	4.7pF ATC 100B CAPACITOR OR EQUIVALENT	01108	
C41 x 2	2 x 1÷5pF JOHANSON SMD TRIMMER	1485	
C42 x 2	2 x 1÷5pF JOHANSON SMD TRIMMER	1485	
C43	3.6pF ATC 100B CAPACITOR OR EQUIVALENT	01104B	
C44	3.6pF ATC 100B CAPACITOR OR EQUIVALENT	01104B	
C45	6.8pF ATC 100B CAPACITOR OR EQUIVALENT	01111	
C46	6.8pF ATC 100B CAPACITOR OR EQUIVALENT	01111	
C47	6.8pF ATC 100B CAPACITOR OR EQUIVALENT	01111	
C48	6.8pF ATC 100B CAPACITOR OR EQUIVALENT	01111	
C49	13pF ATC 100B CAPACITOR OR EQUIVALENT	01119A	
C50	13pF ATC 100B CAPACITOR OR EQUIVALENT	01119A	
C51	8.2pF ATC 100B CAPACITOR OR EQUIVALENT	01113	
C52	8.2pF ATC 100B CAPACITOR OR EQUIVALENT	01113	
C53	8.2pF ATC 100B CAPACITOR OR EQUIVALENT	01113	
C54	8.2pF ATC 100B CAPACITOR OR EQUIVALENT	01113	
C55	10pF ATC 100B CAPACITOR OR EQUIVALENT	01117	
C56	10pF ATC 100B CAPACITOR OR EQUIVALENT	01117	
C57	4.7pF ATC 100B CAPACITOR OR EQUIVALENT	01108	
C58	4.7pF ATC 100B CAPACITOR OR EQUIVALENT	01108	
C59	0.3pF ATC 100B CAPACITOR OR EQUIVALENT	01160	
T1	BLF861A RF LDMOS POWER TRANSISTOR	04034	
T2	BLF861A RF LDMOS POWER TRANSISTOR	04034	
B1	COAX 2:1 BALUN	08491	

REF.	DESCRIPTION	ELETTRONIKACODE	Page 3/3
B2	COAX 2:1 BALUN	08491	
B3	COAX 4:1 BALUN	08492	
B4	COAX 4:1 BALUN	08492	
L1	4 TURNS SILV. COP. WIRE 1.2mm WOUND ON OD 5mm	07684	
L2	4 TURNS SILV. COP. WIRE 1.2mm WOUND ON OD 5mm	07684	
L3	½ TURN COIL		
L4	½ TURN COIL		
H1	HYBRID COUPLER 3dB 90° ANAREN	05368	
H2	HYBRID COUPLER 3dB 90° SAGE	05369	
NTC1	NTC 100KΩ PTH	00661	
NTC2	NTC 100KΩ PTH	00661	
IC1	DG419DY	04583	
IC2	DG419DY	04583	
DZ1	15V SMD ZENER DIODE	03135	
DZ2	15V SMD ZENER DIODE	03135	
DZ3	6.8V SMD ZENER DIODE	03137	
DZ4	6.8V SMD ZENER DIODE	03137	
DL1	SMD LED DIODE - RED -	03056	
DL2	SMD LED DIODE - RED -	03056	
PN964AR3	PCB	0643K	
	Torretta 3x10 f/f	V0774	
	Imballo velapack 200x125x50	09983	

COMPONENT LIST *SCH0122BR1*

Part Name/Number	Description	Qty.	Comps.	Page 1/2
CC 100nF-S 01065C	01065C Y5V 1206 COND	23	C1-2, C8, C11, C14, C21, C22, C24-32, C34, C40, C42, C44, C47, C49-50	
CC 15pF-S 01088	01088 SMD 1206 COND	2	C12-13	
CC 1nF-S 01096	01096 SMD 1206 COND	5	C15, C17-18, C20, C33	
CC 1uF100V-S 01760A	01760A Y5V 1206 COND	8	C3-7, C9, C23, C35	
CC 2nF2 2kV 01045A	01045A CERAMIC COND	3	C36-38	
CE 100uF25V-S 01793B	01793B ELETTR SMD COND	2	C41, C43	
CE 10uF35V-S 01778A	01778A ELETTR SMD COND	4	C10, C45-46, C48	
CE 2200uF25V 01813	01813 ELETT. COND.	1	C39	
CE 22uF16V-S	01780A ELETTR SMD COND	2	C16, C19	
D 1N4148-S 03002	03002 SMD DIODE	7	D1-5, D9-10	
DB KBL04 03042	03042 BRIDGE DIODE	1	PT1	
DIS DMC16230 03072B	03072B DISPLAY	1	LCD1	
DL LEDG5 03060	03060 GREEN LED DIODE 5mm	1	DL6	
DL LEDR5 03061	03061 RED LED DIODE 5mm	1	DL7	
DL LEDY5 03054B	03054B YELLOW LED DIODE 5mm	1	DL8	
FUSE 1A MICRO FUSE	FUS00007 + FUS00006 PORTAFUSI	1	F1	
IC 78M05 04301B	04301B SMD VOLTAGE REGULATOR	1	IC12	
IC 78M12 4307B	04307B SMD VOLTAGE REGULATOR	1	IC11	
IC 79M08 04304A	04304A SMD VOLTAGE REGULATOR	1	IC14	
IC INA168	04600A SMD INTEG CIRCUIT	2	IC6-7	
IC LM393-S 04639	04639 SMD INTEG CIRCUIT	1	IC5	
IC LMV324M-S 04658B	04658B SMD INTEG CIRCUIT	2	IC4, IC8	
IC MAX232-S 04804B	04804B SMD INTEG CIRCUIT	1	IC2	
IC MAX3080-S 04770	04770 SMD INTEG CIRCUIT	1	IC1	
IC MC14094BD 04718	04718 SMD INTEG CIRCUIT	1	IC9	
IC PIC16F877 4869	04869 + 07509C INTEG CIRCUIT	1	IC3	
IC TC7662BCOA 04758A	04758A SMD INTEG CIRCUIT	1	IC13	
IC ULN2003A 4870	04870 SMD INTEG CIRCUIT	1	IC10	
IND 2u2H-S 05020A	05020A INDUCTOR	1	L1	
J CON HD515V/05-4PVE	02881 + 02882 PANDUIT PCB CONN	2	J9-10	
J FC-10P 02697-02699	02697+02699 PCB CONNECTOR POL	2	J1, J4	
J FC-16P 02701-02700	02701+02700 PCB CONNECTOR POL	1	J5	
J PAN2 02739-40-41	02739+02740+02741 PCB CONNECTO	1	J2	
J PAN8 02716-17-18	02716+02717+02718 PCB CONNECTO	1	J3	
JU JUMP3 02707-02742	02707+02742 MASCHIO PAN3	1	JP1	
MOV 275V	00951A VARISTORE	1	MOV1	
R 100K-1%-S 00065B	00065B RES 1/4W 1% SMD 1206	2	R29, R32	
R 10K-1%-S 00053B	00053B RES 1/4W 1% SMD 1206	12	R1-2, R4, R8, R12, R22, R23, R27-28, R31, R33, R34	
R 120R-S 00030A	00030A RES 1/4W 5% SMD 1206	1	R45	

Part Name/Number	Description	Qty.	Comps.	Page 2/2
R 1K0-1%-S 00041B	00041B RES 1/4W 1% SMD 1206	7	R5-6,R10,R14,R24,R38, R39	
R 1K2-1%-S 00042A	00042A RES 1/4W 1% SMD 1206	3	R40-42	
R 22K-1%-S 00057B	00057B RES 1/4W 1% SMD 1206	2	R9,R13	
R 2R2-S	00009A RES 1/4W 5% SMD 1206	1	R3	
R 3K9-1%-S 00048B	00048B RES 1/4W 1% SMD 1206	1	R37	
R 470K-S 00073A	00073A RES 1/4W 5% SMD 1206	3	R20,R36,R46	
R 470R-1%-S 00037B	00037B RES 1/4W 1% SMD 1206	1	R44	
R 47K-1%-S 00061B	00061B RES 1/4W 1% SMD 1206	3	R30,R35,R43	
R 4K7-1%-S 00049B	00049B RES 1/4W 1% SMD 1206	3	R16-17,R21	
R 68K-1%-S 00063B	00063B RES 1/4W 1% SMD 1206	4	R15,R19,R25-26	
R 8K2-1%-S 00052B	00052B RES 1/4W 1% SMD 1206	1	R18	
RL 40.31.12 07567	07567 RELE	3	RLY1-3	
RV 10K-3266X 00807	00807 VARIABLE RESISTOR	2	R7,R11	
SW SWITCH-8DIP	07530A PCB DIP SWITCH	1	SW1	
SW VSS 0033.4604	07519A CAMBIO TENSIONE SERIALE	1	SW3	
T 06086 N 7630 7632	7630 7632 KTI06086 PULSANTE 2	2	T1-2	
TR BC848 03457	03457 NPN SMD TRANSISTOR	1	TR1	
TR BC856 03455	03455 PNP SMD TRANSISTOR	2	TR2-3	
TRASF TRASF 14V5 7VA	09597 TRASFORMATORE 110+110 PE	1	TRASF1	
XTAL 20MHz-S	CXS00001 QUARTZ	1	XTAL1	

COMPONENT LIST *SCH0128AR1*

Part Name/Number	Description	Qty.	Comps.
CC 100nFAVX 01065A	01065A CERAMIC COND	4	C1-4
D 1N4007 03009	03009 DIODE	2	D1-2
IC LM317HV	04340A INTEG CIRCUIT	1	IC1
IC LM35DT 00664	00664 INTEG CIRCUIT	1	IC2
J FC-16P 02701-02700	02701+02700 PCB CONNECTOR POL	1	J2
J SCREWCONN2 02853	02853 PCB SCREW CONNECTOR	1	J1
JU JUMP2 02739-02742	02739+02742 MASCHIO PAN2	2	JP1-2
R 0R02	RES 20W 1%	2	R1
			R7
R 220R 0033	0033 RES 1/4W 5%	1	R3
R 270R 0034	0034 RES 1/4W 5%	1	R2
R 4K7 0049	0049 RES 1/4W 5%	1	R4
R R400m NOT MOUNTED	NOT MOUNTED	2	R5-6