

GS3055-I

BENTEL SECURITY s.r.l. - Lista dei materiali

Nome prodotto : B052		SCHEDA INTERFACCIA GSM/GPRS x N.A.		Processi di lavorazione : SR+PA+PM+PW	
Revisione schema : A		Data : 18-09-06		PCB : B052_P1	
Qta	Referenza	Valore	Codice	Descrizione	Mnt
1	FM2	B052	PCBB052_P1	Circuito stampato B052_P1	
1	ACC1	PS-Libr	ACEPSIM06COPCER	PORTA SIM SMD 6VIE COPERCHIO E CERNIERA	SR
5	C14 C15 C31 C32 C37	470p	CAPCCN0J0470805	CONDENSATORE SMD NP0 5% 470pF 0805	SR
9	C11 C17 C23 C26 C38				
	C40 C48 C54 C56	1n	CAPCCXRM1100805	CONDENSATORE SMD X7R 10% 1nF 0805	SR
1	C36	2n2	CAPCCXRM1220805	CONDENSATORE SMD X7R 10% 2,2nF 0805	SR
3	C5 C41 C58	4n7	CAPCCXRM1470805	CONDENSATORE SMD X7R 10% 4,7nF 0805	SR
4	C1 C13 C43 C53	10n	CAPCCXRM2100805	CONDENSATORE SMD X7R 10% 10nF 0805	SR
22	C7 C9 C10 C20 C21				
	C22 C33 C44 C46 C47				
	C49 C50 C51 C55 C59				
	C62 C63 C66 C68 C70				
	C71 C72	47n	CAPCCXRM2470805	CONDENSATORE SMD X7R 10% 47nF 50V 0805	SR
5	C16 C19 C27 C45 C57	100n	CAPCCXRM3100805	CONDENSATORE SMD X7R 10% 100nF 50V 0805	SR
1	C6	220n	CAPCCXRM3220805	CONDENSATORE SMD X7R 10% 220nF 0805	SR
1	C25	1U	CAPCCXRM4100805	CONDENSATORE SMD X7R 10% 1uF 25V 0805	SR
1	J1	Molex52991	CONNRFV7005052991	CONNETTORE SMD FEM.VA.70V. P.0,5 M.52991	SR
1	D13	DB107S	DDOSPONDB107S	DIODO SMD RADDR.A PONTE 1A 1000V DB107S	SR
7	D4 D7 D12 D16 D19				
	D22 D24	4148	DDOSSIG1N4148	DIODO SMD SEGNALE MINIMELF LL4148	SR
2	D21 D23	BAV70	DDOSSIGBAV70	DIODO SMD SEGNALE 'Doppio diodo' BAV70	SR
3	D5 D6 D8	BAV99	DDOSSIGBAV99	Diode SMD Segnale 'doppio diodo' BAV99	SR
1	D2	BAS85	DDOSSTKBAS85	DIODO SMD SCHOTTKY 200mA 30V SOD80 BAS85	SR
1	D1	SS14	DDOSSTKSS14	DIODO SMD SCHOTTKY 1A 40V DO-214AC SS14	SR
2	D10 D18	7V5	DDOSZEN7V5MW500	DIODO SMD ZENER 7,5 Volt 500mW	SR
1	U10	L78L33	INTCLINL78L33ACD	INTEGRATO SMD REGOL.TENS.3,3V L78L33ACD	SR
1	U3	LM317	INTCLINLM317	INTEGRATO SMD REG.TENSIONE D2PAK-3 LM317	SR
1	U1	LM324	INTCLINLM324	INTEGRATO SMD 4 AMPLIF. OPERAZ. LM324	SR
1	U2	LM339	INTCLINLM339	INTEGRATO SMD 4 COMPARATORI LM339	SR
1	U8	LM358	INTCLINLM358	INTEGRATO SMD 2 AMPL.OP LM358	SR
1	U11	TPS76301	INTCLINTPS76301	INTEGRATO SMD REGOL.TENS.SOT-23 TPS76301	SR
1	U6	LPC2103	INTCMPRLPC2103	INTEGRATO SMD MICRO FLASH LQFP48 LPC2103	SR
2	U5 U7	CNY17	OPTATRNSDCNY17-2	FOTOACCOPPIATORE SMD TRANSISTOR CNY17-2	SR
1	R111	536	RESSMDF05361805	RESISTENZA CHIP 1% 536 OHM 1/10 W 0805	SR
1	R72	1k	RESSMDF11001805	RESISTENZA CHIP 1% 1 KOHM 1/10 W 0805	SR
1	R1	4k7	RESSMDF14701805	RESISTENZA CHIP 1% 4,7 KOHM 1/10 W 0805	SR
1	R23	18k7	RESSMDF21871805	RESISTENZA CHIP 1% 18,7 KOHM 1/10 W 0805	SR
1	R85	100k	RESSMDF31001805	RESISTENZA CHIP 1% 100 KOHM 1/10 W 0805	SR
1	R126	220k	RESSMDF32201805	RESISTENZA CHIP 1% 220 KOHM 1/10 W 0805	SR
1	R155	0	RESSMDJ-0001805	Resistenza CHIP 5% 0 OHM 1/10 W 0805	SR
1	R13	22	RESSMDJ00221805	RESISTENZA CHIP 5% 22 OHM 1/10 W 0805	SR
1	R94	47	RESSMDJ00471805	RESISTENZA CHIP 5% 47 OHM 1/10 W 0805	SR
2	R24 R64	330	RESSMDJ03301805	RESISTENZA CHIP 5% 330 OHM 1/10 W 0805	SR
2	R30 R49	470	RESSMDJ04701805	RESISTENZA CHIP 5% 470 OHM 1/10 W 0805	SR
5	R15 R18 R21 R25 R31	680	RESSMDJ06801805	RESISTENZA CHIP 5% 680 OHM 1/10 W 0805	SR
4	R47 R62 R99 R110	1k	RESSMDJ11001805	RESISTENZA CHIP 5% 1 KOHM 1/10 W 0805	SR
2	R88 R107	1k5	RESSMDJ11501805	RESISTENZA CHIP 5% 1,5 KOHM 1/10 W 0805	SR
1	R98	2k	RESSMDJ12001805	RESISTENZA CHIP 5% 2 KOHM 1/10 W 0805	SR
5	R39 R50 R54 R102 R104	2k2	RESSMDJ12201805	RESISTENZA CHIP 5% 2,2 KOHM 1/10 W 0805	SR
11	R8 R16 R26 R65 R79				
	R81 R83 R108 R115 R116				
	R125	3k3	RESSMDJ13301805	RESISTENZA CHIP 5% 3,3 KOHM 1/10 W 0805	SR
5	R17 R42 R44 R60 R123	4k7	RESSMDJ14701805	RESISTENZA CHIP 5% 4,7 KOHM 1/10 W 0805	SR
1	R74	5k6	RESSMDJ15601805	RESISTENZA CHIP 5% 5,6 KOHM 1/10 W 0805	SR
2	R117 R118	6k8	RESSMDJ16801805	RESISTENZA CHIP 5% 6,8 KOHM 1/10 W 0805	SR
27	R2 R4 R10 R36 R40				
	R43 R45 R55 R61 R70				
	R75 R76 R89 R91 R95				
	R97 R101 R106 R109 R119				
	R124 R127 R128 R129 R130				
	R153 R154	10k	RESSMDJ21001805	RESISTENZA CHIP 5% 10 KOHM 1/10 W 0805	SR
3	R7 R11 R14	15k	RESSMDJ21501805	RESISTENZA CHIP 5% 15 KOHM 1/10 W 0805	SR
3	R29 R51 R103	22k	RESSMDJ22201805	RESISTENZA CHIP 5% 22 KOHM 1/10 W 0805	SR
12	R22 R27 R35 R37 R38				
	R48 R78 R86 R105 R120				
	R121 R152	47k	RESSMDJ24701805	RESISTENZA CHIP 5% 47 KOHM 1/10 W 0805	SR
7	R20 R28 R52 R67 R87				
	R112 R157	100k	RESSMDJ31001805	RESISTENZA CHIP 5% 100 KOHM 1/10 W 0805	SR
1	R3	120k	RESSMDJ31201805	RESISTENZA CHIP 5% 120 KOHM 1/10 W 0805	SR
3	R6 R93 R133	220k	RESSMDJ32201805	RESISTENZA CHIP 5% 220 KOHM 1/10 W 0805	SR
2	R113 R114	330k	RESSMDJ33301805	RESISTENZA CHIP 5% 330 KOHM 1/10 W 0805	SR
1	R59	470k	RESSMDJ34701805	RESISTENZA CHIP 5% 470 KOHM 1/10 W 0805	SR
1	R140	1M	RESSMDJ41001805	RESISTENZA CHIP 5% 1 MOHM 1/10 W 0805	SR
1	R100	2M2	RESSMDJ42201805	RESISTENZA CHIP 5% 2,2 MOHM 1/10 W 0805	SR
1	Q14	FQD17P06	TRNSMOPFQD17P06	TRANSISTOR SMD MOSFET C.P 60V FQD17P06	SR
1	Q16	HUF76407	TRNSMOPHUF76407D	TRANSISTOR SMD P.MOSF.C.N HUF76407D3S	SR
1	Q3	MJD32	TRNSPOTMJD32C	TRANSISTOR SMD POTENZ.PNP 3A DPAK MJD32C	SR
6	Q1 Q2 Q6 Q8 Q9				
	Q28	BC817	TRNSSIGBC817	TRANSISTOR SMD SEGNALE A5 45V NPN BC817B	SR
6	Q10 Q12 Q17 Q26 Q27				
	Q33	BC847	TRNSSIGBC847	TRANSISTOR SMD SEGNALE A1 45V NPN BC847B	SR
1	Q15	BC857	TRNSSIGBC857	TRANSISTOR SMD SEGNALE A1 45V PNP BC857B	SR

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Revisione schema : A		Data : 18-09-06		PCB : B052_P1		
Qta	Referenza	Valore	Codice	Descrizione		Mnt
2	D14 D15	SBYV27	DDOTSWTSBYV27-150	Diodo Switch	2A 100V SBYV27-150	PA
2	D11 D17	4007	DDOTRETLN4007	DIODO RETTIFICATORE	1N4007	PA
1	R63	4M7	RESSTRJ4470M250	RESISTENZA STRATO	5% 4,7 MOHM 1/4 W	PA
1	R73	1M	RESSTRJ4100M250	RESISTENZA STRATO	5% 1 MOHM 1/4 W	PA
5	R34 R53 R56 R58 R69	47k	RESSTRJ2470M250	RESISTENZA STRATO	5% 47 KOHM 1/4 W	PA
2	R68 R151	22k	RESSTRJ2220M250	RESISTENZA STRATO	5% 22 KOHM 1/4 W	PA
1	R9	15k	RESSTRJ2150M250	RESISTENZA STRATO	5% 15 KOHM 1/4 W	PA
4	R41 R57 R77 R96	10k	RESSTRJ2100M250	RESISTENZA STRATO	5% 10 KOHM 1/4 W	PA
1	R71	1k	RESSTRJ1100M250	RESISTENZA STRATO	5% 1 KOHM 1/4 W	PA
4	R66 R80 R82 R90	47	RESSTRJ0047M250	RESISTENZA Strato	5% 47 OHM 1/4 W	PA
3	R33 R46 R84	18	RESSTRJ0018M250	RESISTENZA STRATO	5% 18 OHM 1/4 W	PA
1	R5	4,7	RESSTRJ/047M500	RESISTENZA STRATO	5% 4,7 OHM 1/2 W	PA
1	R150	1	RESSTRJ/010M500	RESISTENZA STRATO	5% 1 OHM 1/2 W	PA
1	C65	2u2	CAPERSS0/022A	CONDENSATORE EL.NOR.	5x11 R25 2,2uF 100V	PA
7	C2 C3 C4 C52 C60					
	C61 C100	10u	CAPERSS00010A	CONDENSATORE EL.NOR.	5x11 R25 10uF 63V	PA
2	C28 C35	22u	CAPERSS00022A	CONDENSATORE EL.NOR.	5x11 R25 22uF 50V	PA
1	C34	47u	CAPERSS00047100A	CONDENSATORE EL.N.	10x12,5 R50 47uF 100V	PA
1	C24	100u	CAPERSS00100A	CONDENSATORE EL.N.	6,3x11 R25 100uF 25V	PA
1	C39	220u	CAPERSS002200252A	CONDENSATORE EL.NOR.	6,3x11 R25 220uF 25V	PA
1	C42	220u	CAPERSS00220A	CONDENSATORE EL.N.	6,3x11,5 R25 220uF 16V	PA
1	C8	47n	CAPT05M2470A	CONDENSATORE PL.	MKT R50 20% 47nF	PA
1	U9	TL431	INTTLINZR431CA	INTEGRATO REG.	TENSIONE R25 TL431ACZ	PA
1	DL3	Gial	LEDTT5GDNNA	LED TR.	T.5mm R25 GIALLO DIFF. BL-B3134	PA
1	DL4	Ros	LEDTT5SDNNA	LED TR.	T.5mm R25 S.ROSSO DIFF. BL-B5134	PA
2	DL1 DL2	Ver	LEDTT5VDNNA	LED TR.	T.5mm R25 VERDE DIFF. BL-B2134	PA
1	X1	14M74Hz	RISNCST51473A	RISONATORE CERAM.	CST R25 14,7456MHz 3P.	PA
2	PS1 PS4	0,5A	TERSD07060050A	TERMISTORE POLYSW.	60V 0,50A R50 RXE050	PA
2	Q5 Q7	MPSA42	TRNTHIVMPSA42A	TRANSISTOR A.TENS.	R25 A5 300V NPN MPSA42	PA
1	Q4	MPSA92	TRNTHIVMPSA92A	TRANSISTOR A.TENS.	R25 A5 300V PNP MPSA92	PA
7	V3 V4 V5 V6 V8					
	V9 V12	18V	VARN018V07DA	VARISTOR DISCO	18V 7mm R50 S07K11	PA
1	V1	56V	VARN056V07DA	VARISTOR DISCO	56V 7mm R50 S07K35	PA
1	PS2	BGSM-I	ACPLEDBGSM-I	PORTA LED PLASTICO	8 FORI X SERIE BGSM-I	PM
1	C18	100u	CAPERSS0010050	CONDENSATORE EL.R.NOR.	8x14 100uF 50V	PM
1	CAV1	Ner20F	CAVFI012001NFAS	CAVO 0,75 L=200	NERO 1 FASTON	PM
1	CAV2	Ros20F	CAVFI012001RFAS	CAVO 0,75 L=200	ROSSO 1 FASTON	PM
3	JP3	Str3a6	CONNRMMA0125H058	CONNETTORE Nr.Ma.Ap.	3V P.2,54 A=5,8	PM
1	JP1	Jumper	CONNRMMA0225H058	CONNETTORE Nr.Ma.Ap.	2V P.2,54 A=5,8	PM
1	J2	DB9-M	CONNRMV09DB9	CONNETTORE MAS.VAS.	9 VIE RS-232 DB9	PM
1	S1	M.Sw	DEVMSCPNTE	MICROSWITCH LEVA	CURVA SUBMIN.5A F160 CS	PM
5	DST1 DST2 DST3 DST4 DST5	Ottone4	DSTMET1028OTTONE	DISTANZIATORE METALLICO	4X2,8mm OTTONE	PM
1	M1	M5v	MORNN0505012	MORSETTIERA NORM.	5 VIE P.5 h:13 CZZ5/5	PM
1	M2	M7v	MORNN0705012	MORSETTIERA NORM.	7 VIE P.5 h:13 CZZ5/7	PM
1	M3	M8v	MORNN0805012	MORSETTIERA NORM.	8 VIE P.5 h:13 CZZ5/8	PM
1	K1	HJR1.2CM	RELN12S2P098	RELE'	20.8x9.9 2S 1A 12V 980 ohm Y.C	PM
1	TR1	E12/60V	TRFELC1012060	TRASFORMATORE ELEVATORE	C.S. 12/60V	PM
1	Q13	BD136	TRNTPOTBD136	TRANSISTOR POTENZA	1A5 45V PNP BD136	PM
1	V7	100V	VARN100V10D	VARISTOR DISCO	100V 10mm	PM
2	V10 V11	240V	VARN240V10D	VARISTOR DISCO	240V 10mm S10K150	PM
1	MOD1	GSM-G20	PFNDISPG20-F3003	MODULO MOTOROLA	850-1900MHz G20-F3003	PW
2	VIT2 VIT3	2x5	VITMCRZ020X050	VITE MET.	TES.CIL. TAGL.CROCE ZINC. 2x5	PW

Componenti non montati: R19 R92 R122 R32 R135 I1 D3 J4 Q11 VIT1

Legenda: SR=SMD rifusione, SC=SMD punto colla, PA=PTH automatico, PM=PTH manuale, PW=ripasso