

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	Diodo 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	FOTOACCOPIATORE 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

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
2	D14 D15	SBYV27	DDOTSWTSBYV27-150	Diodo Switch 2A 100V SBYV27-150			PA
2	D11 D17	4007	DDOTRET1N4007	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	CAPPT05M2470A	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	LEDTT5DNNA	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	TRNTHIVMP5A42A	TRANSISTOR A.TENS.R25 A5 300V NPN MPSA42			PA
1	Q4	MPSA92	TRNTHIVMP5A92A	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	ACPPLEDBGSM-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	CONNRMA0125H058	CONNETTORE Nr.Ma.Ap. 3V P.2,54 A=5,8			PM
1	JP1	Jumper	CONNRMA0225H058	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	DSTMET10280TTONE	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