

TEKO TELECOM data			
Customer:	TEKO-TELECOM		
Mnemonic:	PROTOTIPO REMOTE UNIT LOW POWER MULTI+700 (*)		
Product Code:		S7AMAW	
Rev.		01	
PCB Code:		15 005 4005	
Verified:	<i>Gianni Manganelli</i>	Approved:	<i>Marcello Zirone</i>
Date:	<i>15/12/2009</i>	Date:	<i>18/12/2009</i>



Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
1	1			15 005 4005							C.S. REMOTE UNIT LOW POWER MULTI+700	
2	24	C1 C111 C152 C263 C283 C417 C418 C419 C420 C506 C583 C585 C589 C590 C591 C593 C733 C740 C750 C760 C770 C814 R401 R490		05 041 0285	1uF		10%	25V	0603	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
3	85	C2 C10 C20 C33 C34 C44 C54 C55 C77 C78 C84 C85 C87 C91 C103 C104 C108 C116 C117 C120 C134 C136 C145 C149 C162 C167 C171 C176 C180 C187 C191 C201 C204 C211 C215 C220 C227 C285 C287 C294 C301 C317 C324 C330 C348 C355 C375 C380 C387 C389 C391 C398 C399 C406 C407 C414 C415 C431 C446 C456 C487 C497 C504 C531 C532 C533 C534 C535 C536 C537 C544 C550 C556 C557 C564 C565 C567 C575 C749 C759 C762 C764 C768 C778 C780		05 041 0185	1nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

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4	51	L134 C3 C6 C38 C47 C121 C122 C137 C158 C172 C192 C195 C209 C212 C242 C254 C270 C345 C349 C429 C450 C452 C458 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C515 C523 C542 C566 C569 C614 C631 C732 C775		05 051 0195	22pF			250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S22RBT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
5	82	C4 C7 C14 C18 C57 C58 C72 C79 C86 C89 C90 C92 C93 C94 C98 C100 C106 C112 C113 C115 C124 C126 C205 C206 C207 C244 C245 C257 C260 C266 C269 C275 C289 C292 C296 C318 C319 C320 C356 C357 C358 C393 C394 C401 C402 C409 C410 C445 C448 C459 C461 C489 C490 C502 C545 C553 C561 C594 C596 C598 C599 C707 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C739 C765 C781 C810 C811		05 041 0275	100nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

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6	65	C5 C12 C16 C17 C19 C36 C65 C107 C132 C142 C179 C181 C182 C189 C199 C200 C223 C225 C226 C233 C234 C235 C236 C238 C240 C246 C256 C265 C278 C286 C299 C334 C340 C350 C362 C368 C383 C384 C494 C498 C499 C517 C521 C525 C529 C530 C577 C581 C601 C606 C615 C616 C617 C618 C619 C620 C627 C628 C633 C638 C639 C640 C800 C809 C4360		TBD	TBD (NON MONTARE)				0603	SMD	MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
7	35	C8 C15 C21 C75 C76 C82 C101 C102 C114 C150 C161 C166 C169 C178 C222 C224 C232 C243 C252 C253 C255 C276 C277 C404 C405 C412 C413 C516 C524 C546 C547 C548 C551 C552 C813		05 051 0235	47pF	5%		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S470JT250T	
8	7	C9 C23 C49 C50 C51 C52 C571		05 040 0385	4.7uF	10%		50V	1206	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	
9	1	C11		05 051 0109	0.9pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R9BT250T	

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10	66	C13 C24 C27 C32 C39 C43 C53 C74 C95 C119 C123 C133 C135 C143 C144 C170 C175 C183 C186 C190 C193 C194 C198 C203 C210 C214 C219 C228 C261 C280 C314 C315 C316 C323 C326 C329 C343 C346 C347 C351 C352 C353 C354 C371 C374 C379 C382 C395 C396 C397 C403 C411 C449 C451 C455 C486 C503 C518 C526 C538 C541 C543 C549 C554 C555 C779		05 051 0255	100pF			250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S101JT250T	
11	15	C22 C29 C159 C164 C184 C208 C217 C321 C327 C333 C339 C361 C367 C372 C377		05 051 0155	5.6pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S5R6BT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
12	72	C25 C48 C61 C63 C73 C97 C127 C128 C131 C230 C262 C281 C306 C307 C312 C313 C335 C336 C341 C342 C363 C364 C369 C370 C386 C421 C424 C426 C428 C430 C432 C433 C434 C491 C492 C493 C507 C511 C519 C527 C572 C574 C578 C580 C582 C584 C586 C587 C588 C592 C734 C735 C736 C737 C738 C742 C743 C744 C745 C746 C747 C748 C751 C752 C753 C754 C755 C756 C757 C758 C771 C812		05 041 0220	10nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
13	10	C26 C81 C268 C293 C295 C435 C447 C595 C597 C815		05 040 0380	10uF	10%		16V	0805	SMD	TAIYO YUDEN ; CERAMIC CHIP CAPACITOR ; X5R ; CODE : EMK212BJ106KG-T ; FARNELL CODE : 1463364	

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14	1	C28		05 075 0515	330uF	20%		50V	1CE_V_9.1_12.5	SMD	NIC ; COND. ELETTROLITICO CODE : NACE331M50V12.5x14	
15	7	C30 C284 R432 C436 C513 C622 C632		05 051 0105	0.5pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R5BT250T	
16	4	C31 C41 C213 C218		05 051 0140	3.9pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S3R9BT250T	
17	3	C35 C42 C110		05 051 0115	1.5pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R5BT250T	
18	7	C37 C46 C237 C443 C462 C464 C500		05 051 0108	0.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R8BT250T	
19	3	C40 C239 C308		05 051 0120	1.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R8BT250T	
20	38	C45 C56 C67 C68 C88 C96 C105 C118 C146 C147 C157 C163 C168 C177 C188 C202 C216 C221 C288 C325 C344 C376 C381 C385 C388 C390 C392 C400 C408 C416 C457 C488 C505 C558 C568 C570 C576 C769		05 040 0375	1uF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

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21	2	C59 C83		05 040 0370	470nF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
22	3	C60 C125 C140		05 041 0160	330pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
23	1	C62		05 041 0210	6.8nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
24	2	C64 C138		05 041 0230	22nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
25	2	C66 C141		05 075 0530	150uF	20%		16V	1CE_V_4.7_6.3	SMD	NIC ; COND. ELETTRolitico 105°C ; LOW IMPEDANCE ; CODE : NACZ151M16V6.3x8	
26	19	C69 C70 C71 C129 C130 C139 C148 C247 C248 C249 C250 C251 C423 C425 C509 C562 C563 C773 C774		05 040 0395	22uF	10%		16V	1210	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
27	13	C80 C279 C302 C331 C337 C359 C365 C539 C540 C559 C803 C804 C806		05 051 0145	4.7pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S4R7BT250T	
28	4	C99 C229 C441 C807		05 051 0110	1pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R0BT250T	

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29	1	C109		05 051 0100	0.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R2BT250T	
30	8	C153 C154 C155 C156 C332 C338 C360 C366		05 041 0085	18pF	0.1pF		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
31	12	C160 C165 C174 C185 C197 C322 C328 C373 C378 C635 C761 C777		05 051 0160	6.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S6R8BT250T	
32	5	C173 C196 C801 C802 C805		05 051 0130	2.7pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S2R7BT250T	
33	6	C231 C264 C282 C512 C520 C528		05 040 0390	10uF	10%		16V	1210	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
34	4	C241 C267 C514 C522		05 051 0185	15pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S15RBT250T	
35	1	C271		05 041 0170	470pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
36	5	C272 C496 C621 C623 C643		05 060 0115	1-5pF					SMD	JOHANSON TRIMMER CAP 1-5pF ; 2322-1GR1	
37	1	C273		05 040 0335	330nF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

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38	1	C274		05 075 0525	100uF	20%		25V	1CE_V_4.7_6.3	SMD	NIC ; COND. ELETTROLITICO 105°C ; LOW IMPEDANCE ; CODE : NACZ101M25V6.3x8	
39	4	C290 C291 C297 C298		05 041 0145	180pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
40	6	C303 C305 C309 C311 C453 C484		05 051 0165	8.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S8R2BT250T	
41	8	C304 C310 C495 C624 C629 C630 C642 C645		05 051 0170	10pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S10R0BT250T	
42	4	C422 C508 C510 C772		05 040 0240	1uF	10%		16V	1206	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	
43	2	C454 C485		05 051 0125	2.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S2R2BT250T	
44	3	C460 C767 C783		05 075 0455	100uF	20%		50V		SMD	PANASONIC ; CONDENSATORE ELETTROLITICO 105°C ; LOW IMPEDANCE ; CODE : EEEEK1H101P8 3x10 5	
45	1	C463		05 051 0103	0.3pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R3BT250T	
46	1	C560		05 041 0200	2.2nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

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47	1	C573		05 041 0240	33nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
48	6	C579 C604 C608 C612 C613 C782		05 040 0415	1uF	10%		50V	1206	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
49	2	C605 C610		05 051 0180	12pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S12R0BT250T	
50	1	CIR1		05 055 0860	IL07BL2140AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 2140MHZ	
51	1	CIR2		05 055 0910	IL07BL0742AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 742MHZ	
52	1	CIR3		05 055 0880	IL07BL0881AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 881MHZ	
53	1	CP2		05 010 0620	XC2500P-20S				1CI_XC2500P-20S	SMD	ANAREN ; XINGER II 20dB DIRECTIONAL COUPLER	
54	2	CP3 CP4		05 010 0475	XC1900E-03S				1CI_XC0900E-03	SMD	ANAREN ; XINGER II HYBRID COUPLER 3dB, 90°	
55	4	CP5 CP6 CP7 CP8		05 055 0760	XC0900E-03S				1CI_XC0900E-03	SMD	ANAREN ; XINGER II HYBRID COUPLER 3dB, 90°	

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56	1	CP9		05 010 0585	GSC310-10M1900				1CI_GSC310-10M1900	SMD	SOSHIN ; 1900MHz BAND 10dB CHIP COUPLER	
57	2	CP10 CP11		05 010 0625	GSC301-10M0900				1CI_GSC301-10M0900	SMD	SOSHIN ; 900MHz BAND 10dB CHIP COUPLER	
58	2	CP13 CP15		05 010 0245	XC0900A-20S				1CI_XC0900A-20S	SMD	ANAREN ; 1900 MHZ 20dB DIRECTIONAL COUPLER	
59	1	CP14		05 010 0515	XC1900A-20S				1CI_XC1900A-20S	SMD	ANAREN ; 900 MHZ 20dB DIRECTIONAL COUPLER	
60	12	D1 D2 D4 D6 D7 D8 D9 D10 D11 D12 D20 D21		10 015 0730	HSMP-3814		If=1A	Vr=100V	SOT23	SMD	AVAGO ; SURFACE MOUNT RF PIN LOW DISTORTION ATTENUATOR DIODES	
61	4	D3 D16 D17 D18		10 015 0970	BZX384-C3V9	5%	300mW	3.9V	SOD323	SMD	PHILIPS ; VOLTAGE REGULATOR DIODE	
62	1	D5		10 015 0625	10MQ040N		2.1A	40V	SMA	SMD	I.R. ; SCHOTTKY RECTIFIER	
63	2	D13 D25		10 015 0955	SSC54		5A	Vrrm=40V	DO214AB	SMD	VISHAY ; HIGH-CURRENT DENSITY SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER	
64	2	D14 D15		10 011 0356	LM4050BIM3-2.5	0.2%		Vrb=2.5V	SOT23	SMD	NATIONAL ; PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE	
65	4	D19 D22 D23 D24		10 015 0635	BAW56			Vr=85V If=200mA	SOT23	SMD	SIEMENS PHILIPS ; DOPPIO DIODO	
66	1	F1		05 155 0395	PORTAFUSE					THD	PORTAFUSE 153008 32VDC 15A LITTELFUSE/FARNELL 994-3790	

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67	5	FIL1 FIL2 FIL3 FIL5 FIL15		05 090 0070	NFE31PT222Z1E9		6A	25V	1FC_NFE31PT222Z1 E9	SMD	MURATA ; CHIP EMIFIL LC COMBINED TYPE	
68	6	FIL4 FIL6 FIL7 FIL11 FIL12 FIL14		05 145 0460	0967DP18A1795				1CI_0967DP18A 1795	SMD	JOHANSON TECHNOLOGY ; 967/1795 MHz DIPLEXER	
69	1	FIL8		05 145 0540	DR8F2140B60L2.5A5 5 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
70	1	FIL9		05 145 0585	DR6J742.5F881.5B29 25L2.5A50 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
71	1	FIL10		05 145 0425	DR8F1747.5B75L2.5 A45 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
72	3	FIL16 FIL17 FIL18		05 145 0455	HMD845H				1CI_HMD845H	SMD	SOSHIN ; 2.4GHz BPF FOR WIRELESS LAN & BLUETOOTH	
73	1	FIL20		05 145 0580	DR5D707&781.5F836 .5L2.5A50 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	

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74	1	IC1		10 011 0265	ATMEGA128L-8AU				QFP64_0.8	SMD	ATMEL ; 8-BIT MICROCONTROLLER WITH 128K BYTES IN-SYSTEM PROGRAMMABLE FLASH	
75	3	IC2 IC107 IC108		10 011 0155	ADG708BRUZ				TSSOP16_0.65	SMD	ANALOG DEVICE ; CMOS, 1.8V TO 5.5V / +/-2.5V, 3 OHM LOW VOLTAGE 4-/8-CHANNEL MULTIPLEXER	
76	17	IC3 IC6 IC9 IC10 IC11 IC14 IC15 IC18 IC19 IC20 IC21 IC80 IC81 IC82 IC84 IC85 IC86		10 011 0225	AD8641AKSZ-R2				1CI_AD8641 AKSZ-R2	SMD	ANALOG DEVICES ; LOW POWER, RAIL-TO-RAIL OUTPUT PRECISION JFET AMPLIFIER	
77	14	IC4 IC25 IC26 IC28 IC29 IC30 IC31 IC92 IC93 IC94 IC95 IC96 IC97 IC98		10 011 0120	AD8202YRZ				SO8	SMD	ANALOG DEVICES ; HIGH COMMON-MODE VOLTAGE, SINGLE-SUPPLY DIFFERENCE AMPLIFIER	
78	6	IC5 IC7 IC12 IC23 IC73 IC74		10 011 0130	AD8362ARUZ				TSSOP16_0.65	SMD	ANALOG DEVICES ; 50Hz TO 3.8GHz, 65dB TRUPWR DETECTOR	
79	4	IC8 IC104 IC105 IC109		10 011 0370	AD8613AKSZ-R2				1CI_AD8641 AKSZ-R2	SMD	ANALOG DEVICES ; LOW COST MICROPOWER, LOW NOISE CMOS RAIL-TO-RAIL INPUT/OUTPUT OPERATIONAL AMPLIFIER	

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80	2	IC13 IC64		10 005 0620	AH212-S8G				1CI_AH215-S8G	SMD	WJ ; 1/2 WATT, HIGH LINEARITY InGaP HBT AMPLIFIER	
81	2	IC16 IC101		10 010 1120	REG104 GA-A				SOT23-5	SMD	TEXAS ;ADJ LOW DROP REG 1A	
82	1	IC17		10 011 0285	MIC5207YM5				SOT23-5	SMD	MICREL ; 180 MA LOW-NOISE LDO REGULATOR	
83	1	IC22		10 011 0375	LM2663M				SO8	SMD	NATIONAL ; SWITCHED CAPACITOR VOLTAGE CONVERTER	
84	10	IC24 IC48 IC53 IC57 IC61 IC67 IC68 IC83 IC87 IC90		10 011 0140	AD5320BRMZ				1CI_AD5320BRMZ	SMD	ANALOG DEVICES ; 2.7V TO 5.5V, 140uA, RAIL-TO-RAIL OUTPUT 12-BIT DAC	
85	1	IC27		10 005 0395	LM50CIM3X	+/- 3°C			SOT23	SMD	NATIONAL ; SOT-23 SINGLE-SUPPLY CENTIGRADE TEMPERATURE SENSOR	
86	1	IC32		10 011 0390	LM78L15ACM				SOIC8	SMD	NATIONAL ; SOIC8, REGOLATORE 15V	
87	1	IC33		05 128 0245	EPM745 (MONTARE A MANO DI RIPRESA)					SMD	JDSU SC/APC CONNECTOR NO BRACKET ; PHOTODIODE EMP7+45+900+SCA+0 900UM	
88	1	IC34		10 005 0501	AH102A-G				SOT89	SMD	WJ ; MEDIUM POWER, HIGH LINEARITY AMPLIFIER	

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89	7	IC35 IC38 IC42 IC44 IC52 IC56 IC60		10 011 0145	PE4302-51				1CI_PE4302-51	SMD	PEREGRINE SEMIC. ; 50 Ohm RF DIGITAL ATTENUATOR 6-BIT, 31.5 dB, DC - 4.0 GHz	
90	16	IC36 IC37 IC39 IC40 IC41 IC43 IC45 IC46 IC54 IC55 IC58 IC59 IC62 IC63 IC75 IC76		10 005 0650	MGA-53543				SOT343	SMD	AVAGO ; 50MHz TO 6GHz HIGH LINEAR AMPLIFIER	
91	1	IC47		05 128 0405	FU-650SDF-FL41M15 (MONTARE A MANO DI RIPRESA)					SMD	MITSUBISCHI CONNETTORE SC/APC ; LASER FU-650SDF- FL41M15 1550NM+/-3NM	
92	3	IC49 IC50 IC51		10 005 0515	AG203-63G				SOT363-6	SMD	WJ ; InGaP HBT GAIN BLOCK	
93	4	IC65 IC66 IC78 IC79		10 005 0625	AH116-S8G				1CI_AH215-S8G	SMD	WJ ; 1 WATT, HIGH LINEARITY InGaP HBT AMPLIFIER	
94	1	IC69		05 010 0510	TCP-2-25+				1CI_TCP-2-25+	SMD	MINI-CIRCUITS ; POWER SPLITTER / COMBINER 2 WAY-0° ; 50 Ohm ; 200 TO 2500MHz	
95	1	IC70		10 011 0295	LM25005MH				TSSOP20_0.65_ POWER	SMD	NATIONAL ; SIMPLE SWITCHER 42V, 2.5A STEP-DOWN SWITCHING REGULATOR	
96	1	IC71		10 011 0330	LM1117IMPX-3.3				SOT223	SMD	NATIONAL ; 800mA LOW DROPOUT LINEAR REGULATOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
97	1	IC72		10 011 0395	LM25576MH				TSSOP20_0.65_POWER	SMD	NATIONAL ; SIMPLE SWITCHER 42V, 3A STEP-DOWN SWITCHING REGULATOR	
98	1	IC77		10 011 0291	ADM3222ARUZ				TSSOP20	SMD	ANALOG DEVICES ; POWER 3.3V , RS-232 DRIV/RECANALOG D.	
99	1	IC88		10 011 0385	NRF24L01				QFN 20	SMD	NORDIC ; 2.4GHZ TRANSCEIVER	
100	2	IC89 IC91		10 011 0380	NC7SZ125M5X				SOT23-5	SMD	NATIONAL ; 3 STATE BUFFER 5,5V	
101	1	IC103		10 011 0460	LM3724				SOT23-5	SMD	NATIONAL ; LM3724IM5-3.08 RESET IC	
102	1	IC106		10 011 0455	LC4128V-75TN100C				TQFP100	SMD	LATTICE ; LC4128V-75TN100C PLD	
103	1	J1		TBD	TBD (NON MONTARE)					THD	MOLEX ; CONNETTORE VERTICALE 3 POLI ; ENG N° 35362-0350 PASSO 2mm	
104	14	J2 J3 J7 J8 J9 J10 J11 J13 J19 J22 J23 J24 J26 J27		05 110 0185	R113 424 000				1CO_R113424000_MCX	SMD	RADIALL ; RF CONNECTOR ; MCX FEMALE RECEPTACLES ; VERTICALE ; 50 OHM	
105	2	J4 J12		05 095 2240	7-215079-6				1CO_TYCO_6INSA	THD	AMP ; MICRO-MATCH MINIATURE CONNECTOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
106	6	J5 J14 J15 J16 J17 J21		05 110 0245	CPE 21.002.201.189 (MONTARE A MANO DI RIPRESA)					THD	OMMCPE ; SMAF PANN FLANGIA 90° SALDARE-TEFLON	
107	1	J6		05 095 2030	90814-0806				1CO_90814-0006	SMD	MOLEX ; CONNETTORE VERTICALE ; MASCHIO ; 6 POLI ; PICO FLEX PF-50	
108	1	J18		05 095 1885	2 POLI		10A	250V	2MO_KB02	THD	LUMBERG ; MORSETTIERA MASCHIO ; KB 02 ; PASSO 5 mm	
109	1	J20		05 095 2420	9 POLI (MONTARE A MANO DI RIPRESA)					THD	DELCONEC DO9SYC/2FP470 ; VASCHETTA 9PF 90° FILTRATA 47PF	
110	2	J28 J29								SMD	PIAZZOLE PER CAVO SEMIRIGIDO	
111	2	J30 J31		05 095 2390						THD	WEDMULLER ; CONNETTORE 2X4PM 90° S2L 3.5/8/90GSN3	
112	4	JP1 JP2 JP3 JP4		TBD	TBD (NON MONTARE)				0805_JUMPER_2V	SMD	NON SONO COMPONENTI ; SONO JUMPER A SALDARE	
113	4	JP5 JP6 JP7 JP8		TBD	TBD (NON MONTARE)				0805_JUMPER_3V	SMD	NON SONO COMPONENTI ; SONO JUMPER A SALDARE	
114	4	L1 L8 L11 L12		05 176 1015	10uH	20%	I=1.1A		1IN_ELL6RH	SMD	PANASONIC ; SMD CHOKE COIL ; CODE : ELL6RH100M	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
115	12	L2 L14 L17 L24 L31 L34 L39 L45 L48 L69 L72 L90		05 176 0805	47nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-47NXJL	
116	1	L3		05 176 0985	22.8uH		Idc= 4.9A		11N_P0841S	SMD	PULSE ENG. ; TOROID DESIGNED FOR NATIONAL'S 260KHz SIMPLE SWITCHER ; CODE : P0841S	
117	5	L4 L13 L36 L37 L113		05 175 1235	1000nH	5%			11N_1008CS	SMD	COILCRAFT ; CHIP INDUCTORS 1008CS SERIES ; CODE : 1008CS-102XJL	
118	9	C776 L5 L62 L63 L64 L65 L132 R194 R478		05 176 0830	4.7nH	2%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-4N7XGL	
119	5	L6 L27 L98 L107 L127		05 176 0835	3.9nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-3N9XJL	
120	4	L7 L47 L204 L205		05 176 0925	2.7nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-2N7XJL	
121	1	L9		05 176 0960	33uH	20%	I=1.85A		11N_B82464	SMD	EPCOS ; POWER INDUCTORS ; CODE : B82464- G4333-M	
122	1	L15		05 176 1020	10uH	20%	I=3.40A		11N_B82464	SMD	EPCOS ; POWER INDUCTORS ; CODE : B82464- G4103-M	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
123	3	L18 L130 L131		05 175 1620	4221 4KTR	20%				SMD	DELEVAN ; CHIP BEAD FILTER 5 AMP ; CODE 4221-4TR	
124	17	L19 L21 L22 L28 L32 L35 L40 L46 L49 L51 L54 L60 L70 L73 L91 L99 L108		05 176 0910	12nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-12NXJL	
125	20	L20 L25 L29 L30 L33 L38 L44 L50 L52 L53 L55 L58 L68 L71 L74 L77 L83 L86 L89 L94		TBD	TBD (NON MONTARE)				0603	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : xxxxxxxx	
126	18	L23 L26 L41 L42 L43 L67 L80 L81 L82 L118 L119 L120 L121 L122 L123 L124 L125 L126		05 176 0820	22nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-22NXJL	
127	1	L56		05 176 0800	6.8nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-6N8XGL	
128	4	L57 L59 L114 L115		05 176 0875	33nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-33NXJL	
129	8	L61 L66 L75 L78 L84 L87 L201 L202		05 176 0850	5.6nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-5N6XGL	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
130	5	L76 L79 L85 L88 L128		05 176 0915	8.2nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-8N2XGL	
131	8	C151 C258 L92 L93 L95 L96 L97 L110		05 176 0920	2.2nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-2N2XJL	
132	7	L100 L101 L102 L103 L104 L105 L106		05 176 0815	10nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-10NXGL	
133	1	L112		05 176 1025	33uH	10%		I= 280mA	1210	SMD	EPCOS ; SMT INDUCTORS SIMID 1210-H ; ORDERING CODE : B82422-H1333-K ; FARNELL CODE : 1299977	
134	2	L129 L200		05 176 0810	3.3nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-3N3XJL	
135	5	LED1 LED2 LED3 LED4 LED5		10 015 0940	RED / GREEN				1LE_APHBM2012SU RKCGKC	SMD	KINGBRIGHT ; 2.0x1.25mm SMD CHIP LED LAMP ; CODE : APHBM2012SURKCGKC	
136	1	OP1		10 015 0685	SFH6916				SO16	SMD	VISHAY ; OPTO COUPLER SFH6916-T; 2500V 50%	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
137	22	R1 R36 R38 R71 R73 R192 R210 R390 R391 R393 R394 R396 R397 R417 R418 R419 R420 R561 R564 R567 R570 R594		05 189 0155	330R	1%	1/10W		0603	SMD	RESISTENZA 0603	
138	3	R2 R161 R456		05 189 0165	470R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
139	86	R3 R5 R12 R13 R19 R20 R41 R72 R74 R76 R78 R80 R82 R84 R85 R86 R89 R96 R110 R111 R112 R113 R114 R115 R116 R130 R131 R132 R133 R134 R135 R136 R146 R147 R148 R149 R150 R151 R152 R156 R185 R190 R205 R206 R207 R208 R241 R246 R250 R251 R252 R264 R277 R282 R288 R289 R290 R291 R292 R293 R294 R306 R312 R317 R374 R378 R382 R445 R473 R485 R486 R519 R535 R551 R556 R557 R558 R559 R573 R576 R580 R597 R602 R606 R610 R611		05 189 0245	10K	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
140	59	R4 R27 R54 R61 R62 R66 R70 R119 R141 R157 R160 R170 R177 R259 R265 R267 R268 R301 R307 R309 R310 R333 R334 R340 R341 R347 R348 R375 R379 R383 R457 R458 R464 R465 R514 R520 R522 R523 R530 R536 R538 R539 R546 R552 R554 R555 R574 R577 R581 R598 R603 R607 R641 R643 R645 R647 R707 R708 R710		05 189 0185	1K	1%	1/10W		0603	SMD	RESISTENZA 0603	
141	1	R6		05 189 0162	430R	1%	1/10W		0603	SMD	RESISTENZA 0603	
142	1	R7		05 189 0195	1K5	1%	1/10W		0603	SMD	RESISTENZA 0603	
143	4	R8 R29 R627 R631		05 189 0250	12K	1%	1/10W		0603	SMD	RESISTENZA 0603	
144	2	R9 R87		05 187 0136	150R	1%	1/4W		1206	SMD	RESISTENZA 1206	
145	19	R10 R53 R55 R64 R65 R77 R90 R98 R120 R197 R212 R213 R230 R231 R232 R353 R354 R355 R356		05 189 0265	22K	1%	1/10W		0603	SMD	RESISTENZA 0603	
146	4	R11 R26 R722 R724		05 189 0170	560R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
147	1	R14		05 189 0285	47K	1%	1/10W		0603	SMD	RESISTENZA 0603	
148	13	R15 R17 R52 R106 R107 R126 R127 R181 R274 R275 R328 R329 R447		05 189 0140	180R	1%	1/10W		0603	SMD	RESISTENZA 0603	
149	3	R16 R105 R125		05 189 0095	33R	1%	1/10W		0603	SMD	RESISTENZA 0603	
150	22	R18 R24 R199 R203 R204 R214 R215 R218 R222 R225 R235 R238 R240 R286 R287 R321 R322 R470 R471 R472 R483 R487		05 189 0370	51R	1%	1/10W		0603	SMD	RESISTENZA 0603	
151	29	R21 R48 R49 R50 R58 R176 R295 R296 R450 R451 R452 R475 R584 R588 R589 R590 R591 R593 R601 R612 R621 R642 R644 R646 R648 R649 R650 R651 R652		05 189 0225	4K7	1%	1/10W		0603	SMD	RESISTENZA 0603	
152	25	R22 R75 R97 R103 R104 R108 R109 R117 R118 R128 R129 R137 R138 R153 R158 R174 R269 R270 R271 R272 R323 R324 R325 R326 R444		05 189 0023	2R2	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
153	58	R23 R44 R45 R57 R79 R83 R99 R142 R144 R154 R159 R165 R166 R175 R193 R195 R209 R229 R237 R261 R266 R303 R308 R330 R331 R337 R338 R344 R345 R351 R352 R398 R405 R407 R409 R413 R425 R431 R433 R434 R479 R480 R484 R488 R493 R496 R498 R503 R505 R516 R521 R532 R537 R548 R553 R617 R634 R635		TBD	TBD (NON MONTARE)				0603	SMD	RESISTENZA 0603	
154	4	R25 R481 R587 R615		05 189 0035	3R3	1%	1/10W		0603	SMD	RESISTENZA 0603	
155	4	R28 R47 R616 R622		05 189 0065	10R	1%	1/10W		0603	SMD	RESISTENZA 0603	
156	1	R30		05 189 0220	3K9	1%	1/10W		0603	SMD	RESISTENZA 0603	
157	1	R31		05 189 0290	56K	1%	1/10W		0603	SMD	RESISTENZA 0603	
158	14	R32 R33 R34 R35 R360 R361 R364 R367 R370 R373 R569 R572 R596 R620		05 187 0605	0R1	1%	1/4W		1206	SMD	RESISTENZA 1206	
159	1	R37		05 189 0275	33K	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
160	5	R39 R180 R273 R327 R720		05 189 0090	27R	1%	1/10W		0603	SMD	RESISTENZA 0603	
161	2	R40 R100		05 189 0110	56R	1%	1/10W		0603	SMD	RESISTENZA 0603	
162	1	R42		05 189 0240	8K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
163	2	R43 R56		05 189 0260	18K	1%	1/10W		0603	SMD	RESISTENZA 0603	
164	2	R46 R188		05 189 0190	1K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
165	37	L10 L16 L116 L117 R51 R67 R91 R121 R122 R123 R162 R179 R182 R183 R184 R332 R335 R339 R342 R346 R349 R358 R362 R365 R368 R371 R448 R459 R461 R462 R463 R466 R468 R469 R618 R709 R721		05 189 0125	100R	1%	1/10W		0603	SMD	RESISTENZA 0603	
166	4	R59 R386 R387 R388		05 187 0066	10R	1%	1/4W		1206	SMD	RESISTENZA 1206	
167	1	R60		05 187 0091	27R	1%	1/4W		1206	SMD	RESISTENZA 1206	
168	16	R63 R196 R211 R357 R359 R363 R366 R369 R372 R562 R565 R568 R571 R595 R619 R714		05 189 0305	100K	1%	1/10W		0603	SMD	RESISTENZA 0603	
169	4	R68 R449 R460 R467		05 189 0115	68R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
170	6	R69 R187 R389 R392 R395 R477		05 189 0075	15R	1%	1/10W		0603	SMD	RESISTENZA 0603	
171	65	C501 L203 R81 R143 R164 R167 R168 R178 R200 R201 R236 R260 R302 R336 R343 R350 R399 R400 R402 R406 R408 R410 R411 R412 R414 R415 R421 R422 R423 R424 R426 R427 R428 R429 R430 R439 R440 R446 R454 R455 R474 R489 R491 R495 R497 R499 R500 R502 R504 R506 R507 R515 R531 R547 R626 R637 R640 R665 R676 R685 R696 R701 R715 R716 R717		05 189 0460	0R	1%	1/10W		0603	SMD	RESISTENZA 0603	
172	1	R88		05 189 0320	180K	1%	1/10W		0603	SMD	RESISTENZA 0603	
173	12	R92 R93 R253 R254 R508 R509 R524 R525 R540 R541 R702 R706		05 188 0257	390R	1%	1/4W		0805	SMD	RESISTENZA 1206	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
174	12	R94 R124 R255 R256 R297 R298 R510 R511 R526 R527 R542 R543		05 189 0215	3K3	1%	1/10W		0603	SMD	RESISTENZA 0603	
175	1	R95		05 189 0365	1M	1%	1/10W		0603	SMD	RESISTENZA 0603	
176	3	R101 R102 R703		05 189 0130	120R	1%	1/10W		0603	SMD	RESISTENZA 0603	
177	25	R139 R140 R172 R173 R220 R221 R227 R228 R257 R258 R299 R300 R435 R437 R512 R513 R528 R529 R544 R545 R704 R711 R712 R713 R719		05 189 0150	270R	1%	1/10W		0603	SMD	RESISTENZA 0603	
178	12	R145 R155 R262 R263 R304 R305 R517 R518 R533 R534 R549 R550		05 189 0235	6K8	1%	1/10W		0603	SMD	RESISTENZA 0603	
179	1	R163		05 189 0135	150R	1%	1/10W		0603	SMD	RESISTENZA 0603	
180	3	R169 R216 R217		05 189 0002	0.22R	1%	1/10W		0603	SMD	RESISTENZA 0603	
181	4	R171 R219 R226 R436		05 189 0080	18R	1%	1/10W		0603	SMD	RESISTENZA 0603	
182	1	R186		05 189 0122	91R	1%	1/10W		0603	SMD	RESISTENZA 0603	
183	1	R189		05 189 0270	27K	1%	1/10W		0603	SMD	RESISTENZA 0603	
184	4	R191 R629 R630 R633		05 189 0005	1R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
185	22	R198 R376 R377 R380 R381 R482 R384 R385 R575 R578 R579 R582 R583 R586 R592 R599 R600 R604 R605 R608 R609 R614		05 189 0205	2K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
186	6	R202 R245 R276 R281 R311 R316		05 189 0105	47R	1%	1/10W		0603	SMD	RESISTENZA 0603	
187	4	R223 R224 R494 R501		05 189 0085	22R	1%	1/10W		0603	SMD	RESISTENZA 0603	
188	1	R233		05 189 0198	1K8	1%	1/10W		0603	SMD	RESISTENZA 0603	
189	3	R234 R239 R438		05 187 0151	270R	1%	1/4W		1206	SMD	RESISTENZA 1206	
190	6	R242 R247 R278 R283 R313 R318		05 189 0152	300R	1%	1/10W		0603	SMD	RESISTENZA 0603	
191	6	R243 R248 R279 R284 R314 R319		05 189 0191	1K3	1%	1/10W		0603	SMD	RESISTENZA 0603	
192	6	R244 R249 R280 R285 R315 R320		05 187 0096	33R	1%	1/4W		1206	SMD	RESISTENZA 1206	
193	1	R403		05 176 0825	1.6nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-1N6XJL	
194	2	R404 R492		05 189 0117	75R	1%	1/10W		0603	SMD	RESISTENZA 0603	
195	4	R416 R623 R624 R625		05 189 0210	2K7	1%	1/10W		0603	SMD	RESISTENZA 0603	
196	6	R441 R442 R653 R654 R655 R656		05 189 0160	390R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
197	1	R443		05 189 0070	12R	1%	1/10W		0603	SMD	RESISTENZA 0603	
198	1	R453		05 189 0050	5R6	1%	1/10W		0603	SMD	RESISTENZA 0603	
199	3	R476 R585 R613		05 189 0180	820R	1%	1/10W		0603	SMD	RESISTENZA 0603	
200	3	R560 R563 R566		05 187 0675	0R1	1%	1W		2512	SMD	RESISTENZA 2512	
201	2	R628 R632		05 189 0202	2K	1%	1/10W		0603	SMD	RESISTENZA 0603	
202	7	R636 R638 R639 R657 R658 R659 R705		05 189 0145	220R	1%	1/10W		0603	SMD	RESISTENZA 0603	
203	1	R718		05 189 0287	51K	1%	1/10W		0603	SMD	RESISTENZA 0603	
204	1	R723		05 189 0060	8R2	1%	1/10W		0603	SMD	RESISTENZA 0603	
205	4	RL1 RL2 RL3 RL4		05 160 0645	IM01GR					SMD	TYCO/AXICOM ; RELE' IMO1GR 3V ; 2 SCAMBI 640 OHM	
206	17	TR1 TR2 TR4 TR5 TR6 TR8 TR10 TR12 TR21 TR22 TR24 TR26 TR30 TR32 TR34 TR36 TR46		10 020 0880	BC817-40		250mW	Vceo= 45V Ic= 500mA	SOT23	SMD	PHILIPS ; SILICON PLANAR EPITAXIAL TRANSISTORS ; 250<hfe<600	
207	1	TR3		10 020 0670	BFG540/X		600mW	Vcbo= 20V Ic= 120mA	SOT143	SMD	PHILIPS ; NPN 9 GHz WIDEBAND TRANSISTOR	
208	7	TR7 TR9 TR11 TR14 TR23 TR29 TR31		10 021 0105	IRLML6402		1.3W	Vdss= -20V Id= -3.7A	SOT23	SMD	I.R. ; HEXFET POWER MOSFET P-CHANNEL	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
209	7	TR13 TR15 TR16 TR17 TR18 TR19 TR20		10 020 0860	ATF-54143		725mW	Vds=5V Id= 120mA	SOT343	SMD	AVAGO ; LOW NOISE ENHANCEMENT MODE PSEUDOMORPHIC HEMT	
210	7	TR25 TR28 TR35 TR40 TR45 TR48 TR49		10 020 0885	UMT1N			Vdss= 50V Id= 150mA	SOT-363NXP	SMD	PUMT1 DOPPIO PNP	
211	2	TR27 TR33		10 021 0110	MRFE6S9060NR1 (MONTARE A MANO DI RIPRESA)			28V 14W	TO270-2	SMD	FREESCALE ; RF LD MOS 880 MHz	
212	3	TR37 TR38 TR39		10 021 0090	ZXMP4A16G			Vcbo= 40V Ic=6.4A	SOT223	SMD	ZETEX SEM ; P-MOS ENHANCEMENT	
213	4	TR41 TR42 TR43 TR44		10 020 0570	BCX19			Vcbo= 45V Ic=1A	SOT23	SMD	PHILIPS ; NPN U1	
214	1	TR47		10 021 0125	MRF6S18060NR1 (MONTARE A MANO DI RIPRESA)			26V 60W	TO270-WB-4	SMD	FREESCALE ; RF LD MOS 1800-2000 MHz	
215	1	X2		05 200 0230	16 MHz					SMD	MERCURY ; X32-16.000-10- 10/15I ; QUARZO 16MHZ 1PPM 2,5X3,2mm	
216	1	XTAL1		05 200 0245	8 MHz				1QU_SG-310	SMD	MERCURY ; CRYSTAL OSCILLATOR ; 2 SCAMBI 640 OHM	
217	1										ETICHETTA CON CODICE A BARRE E S/N	
Rev.	Date	Description										
(*) 01	20-11-2009	ATTENZIONE !!!: Controllare tramite X-Ray la saldatura dei pad esposti di tutti i componenti presenti.										

TEKO TELECOM data			
Customer:	TEKO-TELECOM		
Mnemonic:	PROTOTIPO REMOTE UNIT LOW POWER MULTI+700 (*)		
Product Code:		S7AMP	
Rev.:		01	
PCB Code:		15 005 4005	
Verified:	<i>Gianni Manganelli</i>	Approved:	<i>Marcello Zirone</i>
Date:	<i>15/12/2009</i>	Date:	<i>18/12/2009</i>



Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
1	1			15 005 4005							C.S. REMOTE UNIT LOW POWER MULTI+700	
2	24	C1 C111 C152 C263 C283 C417 C418 C419 C420 C506 C583 C585 C589 C590 C591 C593 C733 C740 C750 C760 C770 C814 R401 R490		05 041 0285	1uF	10%		25V	0603	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
3	85	C2 C10 C20 C33 C34 C44 C54 C55 C77 C78 C84 C85 C87 C91 C103 C104 C108 C116 C117 C120 C134 C136 C145 C149 C162 C167 C171 C176 C180 C187 C191 C201 C204 C211 C215 C220 C227 C285 C287 C294 C301 C317 C324 C330 C348 C355 C375 C380 C387 C389 C391 C398 C399 C406 C407 C414 C415 C431 C446 C456 C487 C497 C504 C531 C532 C533 C534 C535 C536 C537 C544 C550 C556 C557 C564 C565 C567 C575 C749 C759 C762 C764 C768 C778 C780		05 041 0185	1nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
4	51	L134 C3 C6 C38 C47 C121 C122 C137 C158 C172 C192 C195 C209 C212 C242 C254 C270 C345 C349 C429 C450 C452 C458 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C515 C523 C542 C566 C569 C614 C631 C732 C775		05 051 0195	22pF			250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S22RBT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
5	82	C4 C7 C14 C18 C57 C58 C72 C79 C86 C89 C90 C92 C93 C94 C98 C100 C106 C112 C113 C115 C124 C126 C205 C206 C207 C244 C245 C257 C260 C266 C269 C275 C289 C292 C296 C318 C319 C320 C356 C357 C358 C393 C394 C401 C402 C409 C410 C445 C448 C459 C461 C489 C490 C502 C545 C553 C561 C594 C596 C598 C599 C707 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C739 C765 C781 C810 C811		05 041 0275	100nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
6	65	C5 C12 C16 C17 C19 C36 C65 C107 C132 C142 C179 C181 C182 C189 C199 C200 C223 C225 C226 C233 C234 C235 C236 C238 C240 C246 C256 C265 C278 C286 C299 C334 C340 C350 C362 C368 C383 C384 C494 C498 C499 C517 C521 C525 C529 C530 C577 C581 C601 C606 C615 C616 C617 C618 C619 C620 C627 C628 C633 C638 C639 C640 C800 C809 C4360		TBD	TBD (NON MONTARE)				0603	SMD	MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
7	35	C8 C15 C21 C75 C76 C82 C101 C102 C114 C150 C161 C166 C169 C178 C222 C224 C232 C243 C252 C253 C255 C276 C277 C404 C405 C412 C413 C516 C524 C546 C547 C548 C551 C552 C813		05 051 0235	47pF	5%		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S470JT250T	
8	7	C9 C23 C49 C50 C51 C52 C571		05 040 0385	4.7uF	10%		50V	1206	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	
9	1	C11		05 051 0109	0.9pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R9BT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
10	66	C13 C24 C27 C32 C39 C43 C53 C74 C95 C119 C123 C133 C135 C143 C144 C170 C175 C183 C186 C190 C193 C194 C198 C203 C210 C214 C219 C228 C261 C280 C314 C315 C316 C323 C326 C329 C343 C346 C347 C351 C352 C353 C354 C371 C374 C379 C382 C395 C396 C397 C403 C411 C449 C451 C455 C486 C503 C518 C526 C538 C541 C543 C549 C554 C555 C779		05 051 0255	100pF			250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S101JT250T	
11	15	C22 C29 C159 C164 C184 C208 C217 C321 C327 C333 C339 C361 C367 C372 C377		05 051 0155	5.6pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S5R6BT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
12	72	C25 C48 C61 C63 C73 C97 C127 C128 C131 C230 C262 C281 C306 C307 C312 C313 C335 C336 C341 C342 C363 C364 C369 C370 C386 C421 C424 C426 C428 C430 C432 C433 C434 C491 C492 C493 C507 C511 C519 C527 C572 C574 C578 C580 C582 C584 C586 C587 C588 C592 C734 C735 C736 C737 C738 C742 C743 C744 C745 C746 C747 C748 C751 C752 C753 C754 C755 C756 C757 C758 C771 C812		05 041 0220	10nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
13	10	C26 C81 C268 C293 C295 C435 C447 C595 C597 C815		05 040 0380	10uF	10%		16V	0805	SMD	TAIYO YUDEN ; CERAMIC CHIP CAPACITOR ; X5R ; CODE : EMK212BJ106KG-T ; FARNELL CODE : 1463364	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
14	1	C28		05 075 0515	330uF	20%		50V	1CE_V_9.1_12.5	SMD	NIC ; COND. ELETTROLITICO CODE : NACE331M50V12.5x14	
15	7	C30 C284 R432 C436 C513 C622 C632		05 051 0105	0.5pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R5BT250T	
16	4	C31 C41 C213 C218		05 051 0140	3.9pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S3R9BT250T	
17	3	C35 C42 C110		05 051 0115	1.5pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R5BT250T	
18	7	C37 C46 C237 C443 C462 C464 C500		05 051 0108	0.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R8BT250T	
19	3	C40 C239 C308		05 051 0120	1.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R8BT250T	
20	38	C45 C56 C67 C68 C88 C96 C105 C118 C146 C147 C157 C163 C168 C177 C188 C202 C216 C221 C288 C325 C344 C376 C381 C385 C388 C390 C392 C400 C408 C416 C457 C488 C505 C558 C568 C570 C576 C769		05 040 0375	1uF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
21	2	C59 C83		05 040 0370	470nF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
22	3	C60 C125 C140		05 041 0160	330pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
23	1	C62		05 041 0210	6.8nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
24	2	C64 C138		05 041 0230	22nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
25	2	C66 C141		05 075 0530	150uF	20%		16V	1CE_V_4.7_6.3	SMD	NIC ; COND. ELETTRolitico 105°C ; LOW IMPEDANCE ; CODE : NACZ151M16V6.3x8	
26	19	C69 C70 C71 C129 C130 C139 C148 C247 C248 C249 C250 C251 C423 C425 C509 C562 C563 C773 C774		05 040 0395	22uF	10%		16V	1210	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
27	13	C80 C279 C302 C331 C337 C359 C365 C539 C540 C559 C803 C804 C806		05 051 0145	4.7pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S4R7BT250T	
28	4	C99 C229 C441 C807		05 051 0110	1pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R0BT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
29	1	C109		05 051 0100	0.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R2BT250T	
30	8	C153 C154 C155 C156 C332 C338 C360 C366		05 041 0085	18pF	0.1pF		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
31	12	C160 C165 C174 C185 C197 C322 C328 C373 C378 C635 C761 C777		05 051 0160	6.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S6R8BT250T	
32	5	C173 C196 C801 C802 C805		05 051 0130	2.7pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S2R7BT250T	
33	6	C231 C264 C282 C512 C520 C528		05 040 0390	10uF	10%		16V	1210	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
34	4	C241 C267 C514 C522		05 051 0185	15pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S15RBT250T	
35	1	C271		05 041 0170	470pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
36	5	C272 C496 C621 C623 C643		05 060 0115	1-5pF					SMD	JOHANSON TRIMMER CAP 1-5pF ; 2322-1GR1	
37	1	C273		05 040 0335	330nF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
38	1	C274		05 075 0525	100uF	20%		25V	1CE_V_4.7_6.3	SMD	NIC ; COND. ELETTROLITICO 105°C ; LOW IMPEDANCE ; CODE : NACZ101M25V6.3x8	
39	4	C290 C291 C297 C298		05 041 0145	180pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
40	6	C303 C305 C309 C311 C453 C484		05 051 0165	8.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S8R2BT250T	
41	8	C304 C310 C495 C624 C629 C630 C642 C645		05 051 0170	10pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S10R0BT250T	
42	4	C422 C508 C510 C772		05 040 0240	1uF	10%		16V	1206	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	
43	2	C454 C485		05 051 0125	2.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S2R2BT250T	
44	3	C460 C767 C783		05 075 0455	100uF	20%		50V		SMD	PANASONIC ; CONDENSATORE ELETTROLITICO 105°C ; LOW IMPEDANCE ; CODE : EEEEK1H101P8 3x10 5	
45	1	C463		05 051 0103	0.3pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R3BT250T	
46	1	C560		05 041 0200	2.2nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
47	1	C573		05 041 0240	33nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
48	6	C579 C604 C608 C612 C613 C782		05 040 0415	1uF	10%		50V	1206	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
49	2	C605 C610		05 051 0180	12pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S12R0BT250T	
50	1	CIR1		05 055 0885	IL07BL1960AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 1960MHZ	
51	1	CIR2		05 055 0910	IL07BL0742AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 742MHZ	
52	1	CIR3		05 055 0880	IL07BL0881AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 881MHZ	
53	1	CP2		05 010 0620	XC2500P-20S				1CI_XC2500P-20S	SMD	ANAREN ; XINGER II 20dB DIRECTIONAL COUPLER	
54	2	CP3 CP4		05 010 0475	XC1900E-03S				1CI_XC0900E-03	SMD	ANAREN ; XINGER II HYBRID COUPLER 3dB, 90°	
55	4	CP5 CP6 CP7 CP8		05 055 0760	XC0900E-03S				1CI_XC0900E-03	SMD	ANAREN ; XINGER II HYBRID COUPLER 3dB, 90°	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
56	1	CP9		05 010 0585	GSC310-10M1900				1CI_GSC310-10M1900	SMD	SOSHIN ; 1900MHz BAND 10dB CHIP COUPLER	
57	2	CP10 CP11		05 010 0625	GSC301-10M0900				1CI_GSC301-10M0900	SMD	SOSHIN ; 900MHz BAND 10dB CHIP COUPLER	
58	2	CP13 CP15		05 010 0245	XC0900A-20S				1CI_XC0900A-20S	SMD	ANAREN ; 1900 MHZ 20dB DIRECTIONAL COUPLER	
59	1	CP14		05 010 0515	XC1900A-20S				1CI_XC1900A-20S	SMD	ANAREN ; 900 MHZ 20dB DIRECTIONAL COUPLER	
60	12	D1 D2 D4 D6 D7 D8 D9 D10 D11 D12 D20 D21		10 015 0730	HSMP-3814		If=1A	Vr=100V	SOT23	SMD	AVAGO ; SURFACE MOUNT RF PIN LOW DISTORTION ATTENUATOR DIODES	
61	4	D3 D16 D17 D18		10 015 0970	BZX384-C3V9	5%	300mW	3.9V	SOD323	SMD	PHILIPS ; VOLTAGE REGULATOR DIODE	
62	1	D5		10 015 0625	10MQ040N		2.1A	40V	SMA	SMD	I.R. ; SCHOTTKY RECTIFIER	
63	2	D13 D25		10 015 0955	SSC54		5A	Vrrm=40V	DO214AB	SMD	VISHAY ; HIGH-CURRENT DENSITY SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER	
64	2	D14 D15		10 011 0356	LM4050BIM3-2.5	0.2%		Vrb=2.5V	SOT23	SMD	NATIONAL ; PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE	
65	4	D19 D22 D23 D24		10 015 0635	BAW56			Vr=85V If=200mA	SOT23	SMD	SIEMENS PHILIPS ; DOPPIO DIODO	
66	1	F1		05 155 0395	PORTAFUSE					THD	PORTAFUSE 153008 32VDC 15A LITTELFUSE/FARNELL 994-3790	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
67	5	FIL1 FIL2 FIL3 FIL5 FIL15		05 090 0070	NFE31PT222Z1E9		6A	25V	1FC_NFE31PT222Z1 E9	SMD	MURATA ; CHIP EMIFIL LC COMBINED TYPE	
68	6	FIL4 FIL6 FIL7 FIL11 FIL12 FIL14		05 145 0460	0967DP18A1795				1CI_0967DP18A 1795	SMD	JOHANSON TECHNOLOGY ; 967/1795 MHz DIPLEXER	
69	1	FIL8		05 145 0555	DR6G1962.5 B65 L2.5 A75 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
70	1	FIL9		05 145 0585	DR6J742.5F881.5B29 25L2.5A50 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
71	1	FIL10		05 145 0550	DR6G1882.5B65L2.5 A75 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
72	3	FIL16 FIL17 FIL18		05 145 0455	HMD845H				1CI_HMD845H	SMD	SOSHIN ; 2.4GHz BPF FOR WIRELESS LAN & BLUETOOTH	
73	1	FIL20		05 145 0580	DR5D707&781.5F836 .5L2.5A50 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
74	1	IC1		10 011 0265	ATMEGA128L-8AU				QFP64_0.8	SMD	ATMEL ; 8-BIT MICROCONTROLLER WITH 128K BYTES IN-SYSTEM PROGRAMMABLE FLASH	
75	3	IC2 IC107 IC108		10 011 0155	ADG708BRUZ				TSSOP16_0.65	SMD	ANALOG DEVICE ; CMOS, 1.8V TO 5.5V / +/-2.5V, 3 OHM LOW VOLTAGE 4-/8-CHANNEL MULTIPLEXER	
76	17	IC3 IC6 IC9 IC10 IC11 IC14 IC15 IC18 IC19 IC20 IC21 IC80 IC81 IC82 IC84 IC85 IC86		10 011 0225	AD8641AKSZ-R2				1CI_AD8641 AKSZ-R2	SMD	ANALOG DEVICES ; LOW POWER, RAIL-TO-RAIL OUTPUT PRECISION JFET AMPLIFIER	
77	14	IC4 IC25 IC26 IC28 IC29 IC30 IC31 IC92 IC93 IC94 IC95 IC96 IC97 IC98		10 011 0120	AD8202YRZ				SO8	SMD	ANALOG DEVICES ; HIGH COMMON-MODE VOLTAGE, SINGLE-SUPPLY DIFFERENCE AMPLIFIER	
78	6	IC5 IC7 IC12 IC23 IC73 IC74		10 011 0130	AD8362ARUZ				TSSOP16_0.65	SMD	ANALOG DEVICES ; 50Hz TO 3.8GHz, 65dB TRUPWR DETECTOR	
79	4	IC8 IC104 IC105 IC109		10 011 0370	AD8613AKSZ-R2				1CI_AD8641 AKSZ-R2	SMD	ANALOG DEVICES ; LOW COST MICROPOWER, LOW NOISE CMOS RAIL-TO-RAIL INPUT/OUTPUT OPERATIONAL AMPLIFIER	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
80	2	IC13 IC64		10 005 0620	AH212-S8G				1CI_AH215-S8G	SMD	WJ ; 1/2 WATT, HIGH LINEARITY InGaP HBT AMPLIFIER	
81	2	IC16 IC101		10 010 1120	REG104 GA-A				SOT23-5	SMD	TEXAS ;ADJ LOW DROP REG 1A	
82	1	IC17		10 011 0285	MIC5207YM5				SOT23-5	SMD	MICREL ; 180 MA LOW-NOISE LDO REGULATOR	
83	1	IC22		10 011 0375	LM2663M				SO8	SMD	NATIONAL ; SWITCHED CAPACITOR VOLTAGE CONVERTER	
84	10	IC24 IC48 IC53 IC57 IC61 IC67 IC68 IC83 IC87 IC90		10 011 0140	AD5320BRMZ				1CI_AD5320BRMZ	SMD	ANALOG DEVICES ; 2.7V TO 5.5V, 140uA, RAIL-TO-RAIL OUTPUT 12-BIT DAC	
85	1	IC27		10 005 0395	LM50CIM3X	+/- 3°C			SOT23	SMD	NATIONAL ; SOT-23 SINGLE-SUPPLY CENTIGRADE TEMPERATURE SENSOR	
86	1	IC32		10 011 0390	LM78L15ACM				SOIC8	SMD	NATIONAL ; SOIC8, REGOLATORE 15V	
87	1	IC33		05 128 0245	EPM745 (MONTARE A MANO DI RIPRESA)					SMD	JDSU SC/APC CONNECTOR NO BRACKET ; PHOTODIODE EMP7+45+900+SCA+0 900UM	
88	1	IC34		10 005 0501	AH102A-G				SOT89	SMD	WJ ; MEDIUM POWER, HIGH LINEARITY AMPLIFIER	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
89	7	IC35 IC38 IC42 IC44 IC52 IC56 IC60		10 011 0145	PE4302-51				1CI_PE4302-51	SMD	PEREGRINE SEMIC. ; 50 Ohm RF DIGITAL ATTENUATOR 6-BIT, 31.5 dB, DC - 4.0 GHz	
90	16	IC36 IC37 IC39 IC40 IC41 IC43 IC45 IC46 IC54 IC55 IC58 IC59 IC62 IC63 IC75 IC76		10 005 0650	MGA-53543				SOT343	SMD	AVAGO ; 50MHz TO 6GHz HIGH LINEAR AMPLIFIER	
91	1	IC47		05 128 0405	FU-650SDF-FL41M15 (MONTARE A MANO DI RIPRESA)					SMD	MITSUBISCHI CONNETTORE SC/APC ; LASER FU-650SDF- FL41M15 1550NM+/-3NM	
92	3	IC49 IC50 IC51		10 005 0515	AG203-63G				SOT363-6	SMD	WJ ; InGaP HBT GAIN BLOCK	
93	4	IC65 IC66 IC78 IC79		10 005 0625	AH116-S8G				1CI_AH215-S8G	SMD	WJ ; 1 WATT, HIGH LINEARITY InGaP HBT AMPLIFIER	
94	1	IC69		05 010 0510	TCP-2-25+				1CI_TCP-2-25+	SMD	MINI-CIRCUITS ; POWER SPLITTER / COMBINER 2 WAY-0° ; 50 Ohm ; 200 TO 2500MHz	
95	1	IC70		10 011 0295	LM25005MH				TSSOP20_0.65_ POWER	SMD	NATIONAL ; SIMPLE SWITCHER 42V, 2.5A STEP-DOWN SWITCHING REGULATOR	
96	1	IC71		10 011 0330	LM1117IMPX-3.3				SOT223	SMD	NATIONAL ; 800mA LOW DROPOUT LINEAR REGULATOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
97	1	IC72		10 011 0395	LM25576MH				TSSOP20_0.65_POWER	SMD	NATIONAL ; SIMPLE SWITCHER 42V, 3A STEP-DOWN SWITCHING REGULATOR	
98	1	IC77		10 011 0291	ADM3222ARUZ				TSSOP20	SMD	ANALOG DEVICES ; POWER 3.3V , RS-232 DRIV/RECANALOG D.	
99	1	IC88		10 011 0385	NRF24L01				QFN 20	SMD	NORDIC ; 2.4GHZ TRANSCEIVER	
100	2	IC89 IC91		10 011 0380	NC7SZ125M5X				SOT23-5	SMD	NATIONAL ; 3 STATE BUFFER 5,5V	
101	1	IC103		10 011 0460	LM3724				SOT23-5	SMD	NATIONAL ; LM3724IM5-3.08 RESET IC	
102	1	IC106		10 011 0455	LC4128V-75TN100C				TQFP100	SMD	LATTICE ; LC4128V-75TN100C PLD	
103	1	J1		TBD	TBD (NON MONTARE)					THD	MOLEX ; CONNETTORE VERTICALE 3 POLI ; ENG N° 35362-0350 PASSO 2mm	
104	14	J2 J3 J7 J8 J9 J10 J11 J13 J19 J22 J23 J24 J26 J27		05 110 0185	R113 424 000				1CO_R113424000_MCX	SMD	RADIALL ; RF CONNECTOR ; MCX FEMALE RECEPTACLES ; VERTICALE ; 50 OHM	
105	2	J4 J12		05 095 2240	7-215079-6				1CO_TYCO_6INSA	THD	AMP ; MICRO-MATCH MINIATURE CONNECTOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
106	6	J5 J14 J15 J16 J17 J21		05 110 0245	CPE 21.002.201.189 (MONTARE A MANO DI RIPRESA)					THD	OMMCPE ; SMAF PANN FLANGIA 90° SALDARE-TEFLON	
107	1	J6		05 095 2030	90814-0806				1CO_90814-0006	SMD	MOLEX ; CONNETTORE VERTICALE ; MASCHIO ; 6 POLI ; PICO FLEX PF-50	
108	1	J18		05 095 1885	2 POLI		10A	250V	2MO_KB02	THD	LUMBERG ; MORSETTIERA MASCHIO ; KB 02 ; PASSO 5 mm	
109	1	J20		05 095 2420	9 POLI (MONTARE A MANO DI RIPRESA)					THD	DELCONEC DO9SYC/2FP470 ; VASCHETTA 9PF 90° FILTRATA 47PF	
110	2	J28 J29								SMD	PIAZZOLE PER CAVO SEMIRIGIDO	
111	2	J30 J31		05 095 2390						THD	WEDMULLER ; CONNETTORE 2X4PM 90° S2L 3.5/8/90GSN3	
112	4	JP1 JP2 JP3 JP4		TBD	TBD (NON MONTARE)				0805_JUMPER_2V	SMD	NON SONO COMPONENTI ; SONO JUMPER A SALDARE	
113	4	JP5 JP6 JP7 JP8		TBD	TBD (NON MONTARE)				0805_JUMPER_3V	SMD	NON SONO COMPONENTI ; SONO JUMPER A SALDARE	
114	4	L1 L8 L11 L12		05 176 1015	10uH	20%	I=1.1A		1IN_ELL6RH	SMD	PANASONIC ; SMD CHOKE COIL ; CODE : ELL6RH100M	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
115	12	L2 L14 L17 L24 L31 L34 L39 L45 L48 L69 L72 L90		05 176 0805	47nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-47NXJL	
116	1	L3		05 176 0985	22.8uH		Idc= 4.9A		11N_P0841S	SMD	PULSE ENG. ; TOROID DESIGNED FOR NATIONAL'S 260KHz SIMPLE SWITCHER ; CODE : P0841S	
117	5	L4 L13 L36 L37 L113		05 175 1235	1000nH	5%			11N_1008CS	SMD	COILCRAFT ; CHIP INDUCTORS 1008CS SERIES ; CODE : 1008CS-102XJL	
118	9	C776 L5 L62 L63 L64 L65 L132 R194 R478		05 176 0830	4.7nH	2%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-4N7XGL	
119	5	L6 L27 L98 L107 L127		05 176 0835	3.9nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-3N9XJL	
120	4	L7 L47 L204 L205		05 176 0925	2.7nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-2N7XJL	
121	1	L9		05 176 0960	33uH	20%	I=1.85A		11N_B82464	SMD	EPCOS ; POWER INDUCTORS ; CODE : B82464- G4333-M	
122	1	L15		05 176 1020	10uH	20%	I=3.40A		11N_B82464	SMD	EPCOS ; POWER INDUCTORS ; CODE : B82464- G4103-M	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
123	3	L18 L130 L131		05 175 1620	4221 4KTR	20%				SMD	DELEVAN ; CHIP BEAD FILTER 5 AMP ; CODE 4221-4TR	
124	17	L19 L21 L22 L28 L32 L35 L40 L46 L49 L51 L54 L60 L70 L73 L91 L99 L108		05 176 0910	12nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-12NXJL	
125	20	L20 L25 L29 L30 L33 L38 L44 L50 L52 L53 L55 L58 L68 L71 L74 L77 L83 L86 L89 L94		TBD	TBD (NON MONTARE)				0603	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : xxxxxxxx	
126	18	L23 L26 L41 L42 L43 L67 L80 L81 L82 L118 L119 L120 L121 L122 L123 L124 L125 L126		05 176 0820	22nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-22NXJL	
127	1	L56		05 176 0800	6.8nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-6N8XGL	
128	4	L57 L59 L114 L115		05 176 0875	33nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-33NXJL	
129	8	L61 L66 L75 L78 L84 L87 L201 L202		05 176 0850	5.6nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-5N6XGL	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
130	5	L76 L79 L85 L88 L128		05 176 0915	8.2nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-8N2XGL	
131	8	C151 C258 L92 L93 L95 L96 L97 L110		05 176 0920	2.2nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-2N2XJL	
132	7	L100 L101 L102 L103 L104 L105 L106		05 176 0815	10nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-10NXGL	
133	1	L112		05 176 1025	33uH	10%		I= 280mA	1210	SMD	EPCOS ; SMT INDUCTORS SIMID 1210-H ; ORDERING CODE : B82422-H1333-K ; FARNELL CODE : 1299977	
134	2	L129 L200		05 176 0810	3.3nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-3N3XJL	
135	5	LED1 LED2 LED3 LED4 LED5		10 015 0940	RED / GREEN				1LE_APHBM2012SU RKCGKC	SMD	KINGBRIGHT ; 2.0x1.25mm SMD CHIP LED LAMP ; CODE : APHBM2012SURKCGKC	
136	1	OP1		10 015 0685	SFH6916				SO16	SMD	VISHAY ; OPTO COUPLER SFH6916-T; 2500V 50%	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
137	22	R1 R36 R38 R71 R73 R192 R210 R390 R391 R393 R394 R396 R397 R417 R418 R419 R420 R561 R564 R567 R570 R594		05 189 0155	330R	1%	1/10W		0603	SMD	RESISTENZA 0603	
138	3	R2 R161 R456		05 189 0165	470R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
139	86	R3 R5 R12 R13 R19 R20 R41 R72 R74 R76 R78 R80 R82 R84 R85 R86 R89 R96 R110 R111 R112 R113 R114 R115 R116 R130 R131 R132 R133 R134 R135 R136 R146 R147 R148 R149 R150 R151 R152 R156 R185 R190 R205 R206 R207 R208 R241 R246 R250 R251 R252 R264 R277 R282 R288 R289 R290 R291 R292 R293 R294 R306 R312 R317 R374 R378 R382 R445 R473 R485 R486 R519 R535 R551 R556 R557 R558 R559 R573 R576 R580 R597 R602 R606 R610 R611		05 189 0245	10K	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
140	59	R4 R27 R54 R61 R62 R66 R70 R119 R141 R157 R160 R170 R177 R259 R265 R267 R268 R301 R307 R309 R310 R333 R334 R340 R341 R347 R348 R375 R379 R383 R457 R458 R464 R465 R514 R520 R522 R523 R530 R536 R538 R539 R546 R552 R554 R555 R574 R577 R581 R598 R603 R607 R641 R643 R645 R647 R707 R708 R710		05 189 0185	1K	1%	1/10W		0603	SMD	RESISTENZA 0603	
141	1	R6		05 189 0162	430R	1%	1/10W		0603	SMD	RESISTENZA 0603	
142	1	R7		05 189 0195	1K5	1%	1/10W		0603	SMD	RESISTENZA 0603	
143	4	R8 R29 R627 R631		05 189 0250	12K	1%	1/10W		0603	SMD	RESISTENZA 0603	
144	2	R9 R87		05 187 0136	150R	1%	1/4W		1206	SMD	RESISTENZA 1206	
145	19	R10 R53 R55 R64 R65 R77 R90 R98 R120 R197 R212 R213 R230 R231 R232 R353 R354 R355 R356		05 189 0265	22K	1%	1/10W		0603	SMD	RESISTENZA 0603	
146	4	R11 R26 R722 R724		05 189 0170	560R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
147	1	R14		05 189 0285	47K	1%	1/10W		0603	SMD	RESISTENZA 0603	
148	13	R15 R17 R52 R106 R107 R126 R127 R181 R274 R275 R328 R329 R447		05 189 0140	180R	1%	1/10W		0603	SMD	RESISTENZA 0603	
149	3	R16 R105 R125		05 189 0095	33R	1%	1/10W		0603	SMD	RESISTENZA 0603	
150	22	R18 R24 R199 R203 R204 R214 R215 R218 R222 R225 R235 R238 R240 R286 R287 R321 R322 R470 R471 R472 R483 R487		05 189 0370	51R	1%	1/10W		0603	SMD	RESISTENZA 0603	
151	29	R21 R48 R49 R50 R58 R176 R295 R296 R450 R451 R452 R475 R584 R588 R589 R590 R591 R593 R601 R612 R621 R642 R644 R646 R648 R649 R650 R651 R652		05 189 0225	4K7	1%	1/10W		0603	SMD	RESISTENZA 0603	
152	25	R22 R75 R97 R103 R104 R108 R109 R117 R118 R128 R129 R137 R138 R153 R158 R174 R269 R270 R271 R272 R323 R324 R325 R326 R444		05 189 0023	2R2	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
153	58	R23 R44 R45 R57 R79 R83 R99 R142 R144 R154 R159 R165 R166 R175 R193 R195 R209 R229 R237 R261 R266 R303 R308 R330 R331 R337 R338 R344 R345 R351 R352 R398 R405 R407 R409 R413 R425 R431 R433 R434 R479 R480 R484 R488 R493 R496 R498 R503 R505 R516 R521 R532 R537 R548 R553 R617 R634 R635		TBD	TBD (NON MONTARE)				0603	SMD	RESISTENZA 0603	
154	4	R25 R481 R587 R615		05 189 0035	3R3	1%	1/10W		0603	SMD	RESISTENZA 0603	
155	4	R28 R47 R616 R622		05 189 0065	10R	1%	1/10W		0603	SMD	RESISTENZA 0603	
156	1	R30		05 189 0220	3K9	1%	1/10W		0603	SMD	RESISTENZA 0603	
157	1	R31		05 189 0290	56K	1%	1/10W		0603	SMD	RESISTENZA 0603	
158	14	R32 R33 R34 R35 R360 R361 R364 R367 R370 R373 R569 R572 R596 R620		05 187 0605	0R1	1%	1/4W		1206	SMD	RESISTENZA 1206	
159	1	R37		05 189 0275	33K	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
160	5	R39 R180 R273 R327 R720		05 189 0090	27R	1%	1/10W		0603	SMD	RESISTENZA 0603	
161	2	R40 R100		05 189 0110	56R	1%	1/10W		0603	SMD	RESISTENZA 0603	
162	1	R42		05 189 0240	8K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
163	2	R43 R56		05 189 0260	18K	1%	1/10W		0603	SMD	RESISTENZA 0603	
164	2	R46 R188		05 189 0190	1K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
165	37	L10 L16 L116 L117 R51 R67 R91 R121 R122 R123 R162 R179 R182 R183 R184 R332 R335 R339 R342 R346 R349 R358 R362 R365 R368 R371 R448 R459 R461 R462 R463 R466 R468 R469 R618 R709 R721		05 189 0125	100R	1%	1/10W		0603	SMD	RESISTENZA 0603	
166	4	R59 R386 R387 R388		05 187 0066	10R	1%	1/4W		1206	SMD	RESISTENZA 1206	
167	1	R60		05 187 0091	27R	1%	1/4W		1206	SMD	RESISTENZA 1206	
168	16	R63 R196 R211 R357 R359 R363 R366 R369 R372 R562 R565 R568 R571 R595 R619 R714		05 189 0305	100K	1%	1/10W		0603	SMD	RESISTENZA 0603	
169	4	R68 R449 R460 R467		05 189 0115	68R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
170	6	R69 R187 R389 R392 R395 R477		05 189 0075	15R	1%	1/10W		0603	SMD	RESISTENZA 0603	
171	65	C501 L203 R81 R143 R164 R167 R168 R178 R200 R201 R236 R260 R302 R336 R343 R350 R399 R400 R402 R406 R408 R410 R411 R412 R414 R415 R421 R422 R423 R424 R426 R427 R428 R429 R430 R439 R440 R446 R454 R455 R474 R489 R491 R495 R497 R499 R500 R502 R504 R506 R507 R515 R531 R547 R626 R637 R640 R665 R676 R685 R696 R701 R715 R716 R717		05 189 0460	0R	1%	1/10W		0603	SMD	RESISTENZA 0603	
172	1	R88		05 189 0320	180K	1%	1/10W		0603	SMD	RESISTENZA 0603	
173	12	R92 R93 R253 R254 R508 R509 R524 R525 R540 R541 R702 R706		05 188 0257	390R	1%	1/4W		0805	SMD	RESISTENZA 1206	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
174	12	R94 R124 R255 R256 R297 R298 R510 R511 R526 R527 R542 R543		05 189 0215	3K3	1%	1/10W		0603	SMD	RESISTENZA 0603	
175	1	R95		05 189 0365	1M	1%	1/10W		0603	SMD	RESISTENZA 0603	
176	3	R101 R102 R703		05 189 0130	120R	1%	1/10W		0603	SMD	RESISTENZA 0603	
177	25	R139 R140 R172 R173 R220 R221 R227 R228 R257 R258 R299 R300 R435 R437 R512 R513 R528 R529 R544 R545 R704 R711 R712 R713 R719		05 189 0150	270R	1%	1/10W		0603	SMD	RESISTENZA 0603	
178	12	R145 R155 R262 R263 R304 R305 R517 R518 R533 R534 R549 R550		05 189 0235	6K8	1%	1/10W		0603	SMD	RESISTENZA 0603	
179	1	R163		05 189 0135	150R	1%	1/10W		0603	SMD	RESISTENZA 0603	
180	3	R169 R216 R217		05 189 0002	0.22R	1%	1/10W		0603	SMD	RESISTENZA 0603	
181	4	R171 R219 R226 R436		05 189 0080	18R	1%	1/10W		0603	SMD	RESISTENZA 0603	
182	1	R186		05 189 0122	91R	1%	1/10W		0603	SMD	RESISTENZA 0603	
183	1	R189		05 189 0270	27K	1%	1/10W		0603	SMD	RESISTENZA 0603	
184	4	R191 R629 R630 R633		05 189 0005	1R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
185	22	R198 R376 R377 R380 R381 R482 R384 R385 R575 R578 R579 R582 R583 R586 R592 R599 R600 R604 R605 R608 R609 R614		05 189 0205	2K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
186	6	R202 R245 R276 R281 R311 R316		05 189 0105	47R	1%	1/10W		0603	SMD	RESISTENZA 0603	
187	4	R223 R224 R494 R501		05 189 0085	22R	1%	1/10W		0603	SMD	RESISTENZA 0603	
188	1	R233		05 189 0198	1K8	1%	1/10W		0603	SMD	RESISTENZA 0603	
189	3	R234 R239 R438		05 187 0151	270R	1%	1/4W		1206	SMD	RESISTENZA 1206	
190	6	R242 R247 R278 R283 R313 R318		05 189 0152	300R	1%	1/10W		0603	SMD	RESISTENZA 0603	
191	6	R243 R248 R279 R284 R314 R319		05 189 0191	1K3	1%	1/10W		0603	SMD	RESISTENZA 0603	
192	6	R244 R249 R280 R285 R315 R320		05 187 0096	33R	1%	1/4W		1206	SMD	RESISTENZA 1206	
193	1	R403		05 176 0825	1.6nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-1N6XJL	
194	2	R404 R492		05 189 0117	75R	1%	1/10W		0603	SMD	RESISTENZA 0603	
195	4	R416 R623 R624 R625		05 189 0210	2K7	1%	1/10W		0603	SMD	RESISTENZA 0603	
196	6	R441 R442 R653 R654 R655 R656		05 189 0160	390R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
197	1	R443		05 189 0070	12R	1%	1/10W		0603	SMD	RESISTENZA 0603	
198	1	R453		05 189 0050	5R6	1%	1/10W		0603	SMD	RESISTENZA 0603	
199	3	R476 R585 R613		05 189 0180	820R	1%	1/10W		0603	SMD	RESISTENZA 0603	
200	3	R560 R563 R566		05 187 0675	0R1	1%	1W		2512	SMD	RESISTENZA 2512	
201	2	R628 R632		05 189 0202	2K	1%	1/10W		0603	SMD	RESISTENZA 0603	
202	7	R636 R638 R639 R657 R658 R659 R705		05 189 0145	220R	1%	1/10W		0603	SMD	RESISTENZA 0603	
203	1	R718		05 189 0287	51K	1%	1/10W		0603	SMD	RESISTENZA 0603	
204	1	R723		05 189 0060	8R2	1%	1/10W		0603	SMD	RESISTENZA 0603	
205	4	RL1 RL2 RL3 RL4		05 160 0645	IM01GR					SMD	TYCO/AXICOM ; RELE' IMO1GR 3V ; 2 SCAMBI 640 OHM	
206	17	TR1 TR2 TR4 TR5 TR6 TR8 TR10 TR12 TR21 TR22 TR24 TR26 TR30 TR32 TR34 TR36 TR46		10 020 0880	BC817-40		250mW	Vceo= 45V Ic= 500mA	SOT23	SMD	PHILIPS ; SILICON PLANAR EPITAXIAL TRANSISTORS ; 250<hfe<600	
207	1	TR3		10 020 0670	BFG540/X		600mW	Vcbo= 20V Ic= 120mA	SOT143	SMD	PHILIPS ; NPN 9 GHz WIDEBAND TRANSISTOR	
208	7	TR7 TR9 TR11 TR14 TR23 TR29 TR31		10 021 0105	IRLML6402		1.3W	Vdss= -20V Id= -3.7A	SOT23	SMD	I.R. ; HEXFET POWER MOSFET P-CHANNEL	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
209	7	TR13 TR15 TR16 TR17 TR18 TR19 TR20		10 020 0860	ATF-54143		725mW	Vds=5V Id= 120mA	SOT343	SMD	AVAGO ; LOW NOISE ENHANCEMENT MODE PSEUDOMORPHIC HEMT	
210	7	TR25 TR28 TR35 TR40 TR45 TR48 TR49		10 020 0885	UMT1N			Vdss= 50V Id= 150mA	SOT-363NXP	SMD	PUMT1 DOPPIO PNP	
211	2	TR27 TR33		10 021 0110	MRFE6S9060NR1 (MONTARE A MANO DI RIPRESA)			28V 14W	TO270-2	SMD	FREESCALE ; RF LDMOS 880 MHz	
212	3	TR37 TR38 TR39		10 021 0090	ZXMP4A16G			Vcbo= 40V Ic=6.4A	SOT223	SMD	ZETEX SEM ; P-MOS ENHANCEMENT	
213	4	TR41 TR42 TR43 TR44		10 020 0570	BCX19			Vcbo= 45V Ic=1A	SOT23	SMD	PHILIPS ; NPN U1	
214	1	TR47		10 021 0125	MRF6S18060NR1 (MONTARE A MANO DI RIPRESA)			26V 60W	TO270-WB-4	SMD	FREESCALE ; RF LDMOS 1800-2000 MHz	
215	1	X2		05 200 0230	16 MHz					SMD	MERCURY ; X32-16.000-10- 10/15I ; QUARZO 16MHZ 1PPM 2,5X3,2mm	
216	1	XTAL1		05 200 0245	8 MHz				1QU_SG-310	SMD	MERCURY ; CRYSTAL OSCILLATOR ; 2 SCAMBI 640 OHM	
217	1										ETICHETTA CON CODICE A BARRE E S/N	
Rev.	Date	Description										
(*) 01	20-11-2009	ATTENZIONE !!!: Controllare tramite X-Ray la saldatura dei pad esposti di tutti i componenti presenti.										

TEKO TELECOM data			
Customer:	TEKO-TELECOM		
Mnemonic:	PROTOTIPO REMOTE UNIT LOW POWER MULTI+700 (*)		
Product Code:		S8S9P	
Rev.:		01	
PCB Code:		15 005 4005	
Verified:	<i>Gianni Manganelli</i>	Approved:	<i>Marcello Zirone</i>
Date:	<i>15/12/2009</i>	Date:	<i>18/12/2009</i>



Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
1	1			15 005 4005							C.S. REMOTE UNIT LOW POWER MULTI+700	
2	24	C1 C111 C152 C263 C283 C417 C418 C419 C420 C506 C583 C585 C589 C590 C591 C593 C733 C740 C750 C760 C770 C814 R401 R490		05 041 0285	1uF	10%		25V	0603	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
3	85	C2 C10 C20 C33 C34 C44 C54 C55 C77 C78 C84 C85 C87 C91 C103 C104 C108 C116 C117 C120 C134 C136 C145 C149 C162 C167 C171 C176 C180 C187 C191 C201 C204 C211 C215 C220 C227 C285 C287 C294 C301 C317 C324 C330 C348 C355 C375 C380 C387 C389 C391 C398 C399 C406 C407 C414 C415 C431 C446 C456 C487 C497 C504 C531 C532 C533 C534 C535 C536 C537 C544 C550 C556 C557 C564 C565 C567 C575 C749 C759 C762 C764 C768 C778 C780		05 041 0185	1nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
4	51	L134 C3 C6 C38 C47 C121 C122 C137 C158 C172 C192 C195 C209 C212 C242 C254 C270 C345 C349 C429 C450 C452 C458 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C515 C523 C542 C566 C569 C614 C631 C732 C775		05 051 0195	22pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S22RBT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
5	82	C4 C7 C14 C18 C57 C58 C72 C79 C86 C89 C90 C92 C93 C94 C98 C100 C106 C112 C113 C115 C124 C126 C205 C206 C207 C244 C245 C257 C260 C266 C269 C275 C289 C292 C296 C318 C319 C320 C356 C357 C358 C393 C394 C401 C402 C409 C410 C445 C448 C459 C461 C489 C490 C502 C545 C553 C561 C594 C596 C598 C599 C707 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C739 C765 C781 C810 C811		05 041 0275	100nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
6	65	C5 C12 C16 C17 C19 C36 C65 C107 C132 C142 C179 C181 C182 C189 C199 C200 C223 C225 C226 C233 C234 C235 C236 C238 C240 C246 C256 C265 C278 C286 C299 C334 C340 C350 C362 C368 C383 C384 C494 C498 C499 C517 C521 C525 C529 C530 C577 C581 C601 C606 C615 C616 C617 C618 C619 C620 C627 C628 C633 C638 C639 C640 C800 C809 C4360		TBD	TBD (NON MONTARE)				0603	SMD	MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
7	35	C8 C15 C21 C75 C76 C82 C101 C102 C114 C150 C161 C166 C169 C178 C222 C224 C232 C243 C252 C253 C255 C276 C277 C404 C405 C412 C413 C516 C524 C546 C547 C548 C551 C552 C813		05 051 0235	47pF	5%		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S470JT250T	
8	7	C9 C23 C49 C50 C51 C52 C571		05 040 0385	4.7uF	10%		50V	1206	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	
9	1	C11		05 051 0109	0.9pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R9BT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
10	66	C13 C24 C27 C32 C39 C43 C53 C74 C95 C119 C123 C133 C135 C143 C144 C170 C175 C183 C186 C190 C193 C194 C198 C203 C210 C214 C219 C228 C261 C280 C314 C315 C316 C323 C326 C329 C343 C346 C347 C351 C352 C353 C354 C371 C374 C379 C382 C395 C396 C397 C403 C411 C449 C451 C455 C486 C503 C518 C526 C538 C541 C543 C549 C554 C555 C779		05 051 0255	100pF			250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S101JT250T	
11	15	C22 C29 C159 C164 C184 C208 C217 C321 C327 C333 C339 C361 C367 C372 C377		05 051 0155	5.6pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S5R6BT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
12	72	C25 C48 C61 C63 C73 C97 C127 C128 C131 C230 C262 C281 C306 C307 C312 C313 C335 C336 C341 C342 C363 C364 C369 C370 C386 C421 C424 C426 C428 C430 C432 C433 C434 C491 C492 C493 C507 C511 C519 C527 C572 C574 C578 C580 C582 C584 C586 C587 C588 C592 C734 C735 C736 C737 C738 C742 C743 C744 C745 C746 C747 C748 C751 C752 C753 C754 C755 C756 C757 C758 C771 C812		05 041 0220	10nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
13	10	C26 C81 C268 C293 C295 C435 C447 C595 C597 C815		05 040 0380	10uF	10%		16V	0805	SMD	TAIYO YUDEN ; CERAMIC CHIP CAPACITOR ; X5R ; CODE : EMK212BJ106KG-T ; FARNELL CODE : 1463364	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
14	1	C28		05 075 0515	330uF	20%		50V	1CE_V_9.1_12.5	SMD	NIC ; COND. ELETTROLITICO CODE : NACE331M50V12.5x14	
15	7	C30 C284 R432 C436 C513 C622 C632		05 051 0105	0.5pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R5BT250T	
16	4	C31 C41 C213 C218		05 051 0140	3.9pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S3R9BT250T	
17	3	C35 C42 C110		05 051 0115	1.5pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R5BT250T	
18	7	C37 C46 C237 C443 C462 C464 C500		05 051 0108	0.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R8BT250T	
19	3	C40 C239 C308		05 051 0120	1.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R8BT250T	
20	38	C45 C56 C67 C68 C88 C96 C105 C118 C146 C147 C157 C163 C168 C177 C188 C202 C216 C221 C288 C325 C344 C376 C381 C385 C388 C390 C392 C400 C408 C416 C457 C488 C505 C558 C568 C570 C576 C769		05 040 0375	1uF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
21	2	C59 C83		05 040 0370	470nF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
22	3	C60 C125 C140		05 041 0160	330pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
23	1	C62		05 041 0210	6.8nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
24	2	C64 C138		05 041 0230	22nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
25	2	C66 C141		05 075 0530	150uF	20%		16V	1CE_V_4.7_6.3	SMD	NIC ; COND. ELETTRolitico 105°C ; LOW IMPEDANCE ; CODE : NACZ151M16V6.3x8	
26	19	C69 C70 C71 C129 C130 C139 C148 C247 C248 C249 C250 C251 C423 C425 C509 C562 C563 C773 C774		05 040 0395	22uF	10%		16V	1210	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
27	13	C80 C279 C302 C331 C337 C359 C365 C539 C540 C559 C803 C804 C806		05 051 0145	4.7pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S4R7BT250T	
28	4	C99 C229 C441 C807		05 051 0110	1pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S1R0BT250T	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
29	1	C109		05 051 0100	0.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R2BT250T	
30	8	C153 C154 C155 C156 C332 C338 C360 C366		05 041 0085	18pF	0.1pF		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
31	12	C160 C165 C174 C185 C197 C322 C328 C373 C378 C635 C761 C777		05 051 0160	6.8pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S6R8BT250T	
32	5	C173 C196 C801 C802 C805		05 051 0130	2.7pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S2R7BT250T	
33	6	C231 C264 C282 C512 C520 C528		05 040 0390	10uF	10%		16V	1210	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
34	4	C241 C267 C514 C522		05 051 0185	15pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S15RBT250T	
35	1	C271		05 041 0170	470pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
36	5	C272 C496 C621 C623 C643		05 060 0115	1-5pF					SMD	JOHANSON TRIMMER CAP 1-5pF ; 2322-1GR1	
37	1	C273		05 040 0335	330nF	10%		16V	0805	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
38	1	C274		05 075 0525	100uF	20%		25V	1CE_V_4.7_6.3	SMD	NIC ; COND. ELETTROLITICO 105°C ; LOW IMPEDANCE ; CODE : NACZ101M25V6.3x8	
39	4	C290 C291 C297 C298		05 041 0145	180pF	5%		50V	0603	SMD	CERAMICA COG ; MULTILAYERS CAPACITOR	
40	6	C303 C305 C309 C311 C453 C484		05 051 0165	8.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S8R2BT250T	
41	8	C304 C310 C495 C624 C629 C630 C642 C645		05 051 0170	10pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S10R0BT250T	
42	4	C422 C508 C510 C772		05 040 0240	1uF	10%		16V	1206	SMD	CERAMICA X5R ; MULTILAYERS CAPACITOR	
43	2	C454 C485		05 051 0125	2.2pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S2R2BT250T	
44	3	C460 C767 C783		05 075 0455	100uF	20%		50V		SMD	PANASONIC ; CONDENSATORE ELETTROLITICO 105°C ; LOW IMPEDANCE ; CODE : EEEEK1H101P8 3x10 5	
45	1	C463		05 051 0103	0.3pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S0R3BT250T	
46	1	C560		05 041 0200	2.2nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
47	1	C573		05 041 0240	33nF	10%		50V	0603	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
48	6	C579 C604 C608 C612 C613 C782		05 040 0415	1uF	10%		50V	1206	SMD	CERAMICA X7R ; MULTILAYERS CAPACITOR	
49	2	C605 C610		05 051 0180	12pF	0.1pF		250V	0603	SMD	ATC ; ULTRA-LOW ESR, HIGH Q, CAPACITORS ; CODE : 600S12R0BT250T	
50	1	CIR1		05 055 0885	IL07BL1960AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 1960MHZ	
51	1	CIR2		05 055 0880	IL07BL0881AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 881MHZ	
52	1	CIR3		05 055 0850	IL07BL0947AAE (MONTARE A MANO DI RIPRESA)					SMD	PARTRON ;7X7MM SMD CIRCOLATORE 947MHZ	
53	1	CP2		05 010 0620	XC2500P-20S				1CI_XC2500P-20S	SMD	ANAREN ; XINGER II 20dB DIRECTIONAL COUPLER	
54	2	CP3 CP4		05 010 0475	XC1900E-03S				1CI_XC0900E-03	SMD	ANAREN ; XINGER II HYBRID COUPLER 3dB, 90°	
55	4	CP5 CP6 CP7 CP8		05 055 0760	XC0900E-03S				1CI_XC0900E-03	SMD	ANAREN ; XINGER II HYBRID COUPLER 3dB, 90°	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
56	1	CP9		05 010 0585	GSC310-10M1900				1CI_GSC310-10M1900	SMD	SOSHIN ; 1900MHz BAND 10dB CHIP COUPLER	
57	2	CP10 CP11		05 010 0625	GSC301-10M0900				1CI_GSC301-10M0900	SMD	SOSHIN ; 900MHz BAND 10dB CHIP COUPLER	
58	2	CP13 CP15		05 010 0245	XC0900A-20S				1CI_XC0900A-20S	SMD	ANAREN ; 1900 MHZ 20dB DIRECTIONAL COUPLER	
59	1	CP14		05 010 0515	XC1900A-20S				1CI_XC1900A-20S	SMD	ANAREN ; 900 MHZ 20dB DIRECTIONAL COUPLER	
60	12	D1 D2 D4 D6 D7 D8 D9 D10 D11 D12 D20 D21		10 015 0730	HSMP-3814		If=1A	Vr=100V	SOT23	SMD	AVAGO ; SURFACE MOUNT RF PIN LOW DISTORTION ATTENUATOR DIODES	
61	4	D3 D16 D17 D18		10 015 0970	BZX384-C3V9	5%	300mW	3.9V	SOD323	SMD	PHILIPS ; VOLTAGE REGULATOR DIODE	
62	1	D5		10 015 0625	10MQ040N		2.1A	40V	SMA	SMD	I.R. ; SCHOTTKY RECTIFIER	
63	2	D13 D25		10 015 0955	SSC54		5A	Vrrm=40V	DO214AB	SMD	VISHAY ; HIGH-CURRENT DENSITY SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER	
64	2	D14 D15		10 011 0356	LM4050BIM3-2.5	0.2%		Vrb=2.5V	SOT23	SMD	NATIONAL ; PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE	
65	4	D19 D22 D23 D24		10 015 0635	BAW56			Vr=85V If=200mA	SOT23	SMD	SIEMENS PHILIPS ; DOPPIO DIODO	
66	1	F1		05 155 0395	PORTAFUSE					THD	PORTAFUSE 153008 32VDC 15A LITTELFUSE/FARNELL 994-3790	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
67	5	FIL1 FIL2 FIL3 FIL5 FIL15		05 090 0070	NFE31PT222Z1E9		6A	25V	1FC_NFE31PT222Z1 E9	SMD	MURATA ; CHIP EMIFIL LC COMBINED TYPE	
68	6	FIL4 FIL6 FIL7 FIL11 FIL12 FIL14		05 145 0460	0967DP18A1795				1CI_0967DP18A 1795	SMD	JOHANSON TECHNOLOGY ; 967/1795 MHz DIPLEXER	
69	1	FIL8		05 145 0555	DR6G1962.5 B65 L2.5 A75 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
70	1	FIL9		05 145 0565	DR6J860F938B18- 6L2.5A40 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
71	1	FIL10		05 145 0550	DR6G1882.5B65L2.5 A75 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	
72	3	FIL16 FIL17 FIL18		05 145 0455	HMD845H				1CI_HMD845H	SMD	SOSHIN ; 2.4GHz BPF FOR WIRELESS LAN & BLUETOOTH	
73	1	FIL19		05 145 0560	DR6J815F899 B18-6 L2.5 A40 (MONTARE A MANO DI RIPRESA)					SMD	RTX ; CERAMIC FILTER	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
74	1	IC1		10 011 0265	ATMEGA128L-8AU				QFP64_0.8	SMD	ATMEL ; 8-BIT MICROCONTROLLER WITH 128K BYTES IN-SYSTEM PROGRAMMABLE FLASH	
75	3	IC2 IC107 IC108		10 011 0155	ADG708BRUZ				TSSOP16_0.65	SMD	ANALOG DEVICE ; CMOS, 1.8V TO 5.5V / +/-2.5V, 3 OHM LOW VOLTAGE 4-/8-CHANNEL MULTIPLEXER	
76	17	IC3 IC6 IC9 IC10 IC11 IC14 IC15 IC18 IC19 IC20 IC21 IC80 IC81 IC82 IC84 IC85 IC86		10 011 0225	AD8641AKSZ-R2				1CI_AD8641 AKSZ-R2	SMD	ANALOG DEVICES ; LOW POWER, RAIL-TO-RAIL OUTPUT PRECISION JFET AMPLIFIER	
77	14	IC4 IC25 IC26 IC28 IC29 IC30 IC31 IC92 IC93 IC94 IC95 IC96 IC97 IC98		10 011 0120	AD8202YRZ				SO8	SMD	ANALOG DEVICES ; HIGH COMMON-MODE VOLTAGE, SINGLE-SUPPLY DIFFERENCE AMPLIFIER	
78	6	IC5 IC7 IC12 IC23 IC73 IC74		10 011 0130	AD8362ARUZ				TSSOP16_0.65	SMD	ANALOG DEVICES ; 50Hz TO 3.8GHz, 65dB TRUPWR DETECTOR	
79	4	IC8 IC104 IC105 IC109		10 011 0370	AD8613AKSZ-R2				1CI_AD8641 AKSZ-R2	SMD	ANALOG DEVICES ; LOW COST MICROPOWER, LOW NOISE CMOS RAIL-TO-RAIL INPUT/OUTPUT OPERATIONAL AMPLIFIER	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
80	2	IC13 IC64		10 005 0620	AH212-S8G				1CI_AH215-S8G	SMD	WJ ; 1/2 WATT, HIGH LINEARITY InGaP HBT AMPLIFIER	
81	2	IC16 IC101		10 010 1120	REG104 GA-A				SOT23-5	SMD	TEXAS ;ADJ LOW DROP REG 1A	
82	1	IC17		10 011 0285	MIC5207YM5				SOT23-5	SMD	MICREL ; 180 MA LOW-NOISE LDO REGULATOR	
83	1	IC22		10 011 0375	LM2663M				SO8	SMD	NATIONAL ; SWITCHED CAPACITOR VOLTAGE CONVERTER	
84	10	IC24 IC48 IC53 IC57 IC61 IC67 IC68 IC83 IC87 IC90		10 011 0140	AD5320BRMZ				1CI_AD5320BRMZ	SMD	ANALOG DEVICES ; 2.7V TO 5.5V, 140uA, RAIL-TO-RAIL OUTPUT 12-BIT DAC	
85	1	IC27		10 005 0395	LM50CIM3X	+/- 3°C			SOT23	SMD	NATIONAL ; SOT-23 SINGLE-SUPPLY CENTIGRADE TEMPERATURE SENSOR	
86	1	IC32		10 011 0390	LM78L15ACM				SOIC8	SMD	NATIONAL ; SOIC8, REGOLATORE 15V	
87	1	IC33		05 128 0245	EPM745 (MONTARE A MANO DI RIPRESA)					SMD	JDSU SC/APC CONNECTOR NO BRACKET ; PHOTODIODE EMP7+45+900+SCA+0 900UM	
88	1	IC34		10 005 0501	AH102A-G				SOT89	SMD	WJ ; MEDIUM POWER, HIGH LINEARITY AMPLIFIER	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
89	7	IC35 IC38 IC42 IC44 IC52 IC56 IC60		10 011 0145	PE4302-51				1CI_PE4302-51	SMD	PEREGRINE SEMIC. ; 50 Ohm RF DIGITAL ATTENUATOR 6-BIT, 31.5 dB, DC - 4.0 GHz	
90	16	IC36 IC37 IC39 IC40 IC41 IC43 IC45 IC46 IC54 IC55 IC58 IC59 IC62 IC63 IC75 IC76		10 005 0650	MGA-53543				SOT343	SMD	AVAGO ; 50MHz TO 6GHz HIGH LINEAR AMPLIFIER	
91	1	IC47		05 128 0405	FU-650SDF-FL41M15 (MONTARE A MANO DI RIPRESA)					SMD	MITSUBISCHI CONNETTORE SC/APC ; LASER FU-650SDF- FL41M15 1550NM+/-3NM	
92	3	IC49 IC50 IC51		10 005 0515	AG203-63G				SOT363-6	SMD	WJ ; InGaP HBT GAIN BLOCK	
93	4	IC65 IC66 IC78 IC79		10 005 0625	AH116-S8G				1CI_AH215-S8G	SMD	WJ ; 1 WATT, HIGH LINEARITY InGaP HBT AMPLIFIER	
94	1	IC69		05 010 0510	TCP-2-25+				1CI_TCP-2-25+	SMD	MINI-CIRCUITS ; POWER SPLITTER / COMBINER 2 WAY-0° ; 50 Ohm ; 200 TO 2500MHz	
95	1	IC70		10 011 0295	LM25005MH				TSSOP20_0.65_ POWER	SMD	NATIONAL ; SIMPLE SWITCHER 42V, 2.5A STEP-DOWN SWITCHING REGULATOR	
96	1	IC71		10 011 0330	LM1117IMPX-3.3				SOT223	SMD	NATIONAL ; 800mA LOW DROPOUT LINEAR REGULATOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
97	1	IC72		10 011 0395	LM25576MH				TSSOP20_0.65_ POWER	SMD	NATIONAL ; SIMPLE SWITCHER 42V, 3A STEP-DOWN SWITCHING REGULATOR	
98	1	IC77		10 011 0291	ADM3222ARUZ				TSSOP20	SMD	ANALOG DEVICES ; POWER 3.3V , RS-232 DRIV/RECANALOG D.	
99	1	IC88		10 011 0385	NRF24L01				QFN 20	SMD	NORDIC ; 2.4GHZ TRANSCEIVER	
100	2	IC89 IC91		10 011 0380	NC7SZ125M5X				SOT23-5	SMD	NATIONAL ; 3 STATE BUFFER 5,5V	
101	1	IC103		10 011 0460	LM3724				SOT23-5	SMD	NATIONAL ; LM3724IM5-3.08 RESET IC	
102	1	IC106		10 011 0455	LC4128V-75TN100C				TQFP100	SMD	LATTICE ; LC4128V-75TN100C PLD	
103	1	J1		TBD	TBD (NON MONTARE)					THD	MOLEX ; CONNETTORE VERTICALE 3 POLI ; ENG N° 35362-0350 PASSO 2mm	
104	14	J2 J3 J7 J8 J9 J10 J11 J13 J19 J22 J23 J24 J26 J27		05 110 0185	R113 424 000				1CO_R113424000 _MCX	SMD	RADIALL ; RF CONNECTOR ; MCX FEMALE RECEPTACLES ; VERTICALE ; 50 OHM	
105	2	J4 J12		05 095 2240	7-215079-6				1CO_TYCO_6INSA	THD	AMP ; MICRO-MATCH MINIATURE CONNECTOR	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
106	6	J5 J14 J15 J16 J17 J21		05 110 0245	CPE 21.002.201.189 (MONTARE A MANO DI RIPRESA)					THD	OMMCPE ; SMAF PANN FLANGIA 90° SALDARE-TEFLON	
107	1	J6		05 095 2030	90814-0806				1CO_90814-0006	SMD	MOLEX ; CONNETTORE VERTICALE ; MASCHIO ; 6 POLI ; PICO FLEX PF-50	
108	1	J18		05 095 1885	2 POLI		10A	250V	2MO_KB02	THD	LUMBERG ; MORSETTIERA MASCHIO ; KB 02 ; PASSO 5 mm	
109	1	J20		05 095 2420	9 POLI (MONTARE A MANO DI RIPRESA)					THD	DELCONEC DO9SYC/2FP470 ; VASCHETTA 9PF 90° FILTRATA 47PF	
110	2	J28 J29								SMD	PIAZZOLE PER CAVO SEMIRIGIDO	
111	2	J30 J31		05 095 2390						THD	WEDMULLER ; CONNETTORE 2X4PM 90° S2L 3.5/8/90GSN3	
112	4	JP1 JP2 JP3 JP4		TBD	TBD (NON MONTARE)				0805_JUMPER_2V	SMD	NON SONO COMPONENTI ; SONO JUMPER A SALDARE	
113	4	JP5 JP6 JP7 JP8		TBD	TBD (NON MONTARE)				0805_JUMPER_3V	SMD	NON SONO COMPONENTI ; SONO JUMPER A SALDARE	
114	4	L1 L8 L11 L12		05 176 1015	10uH	20%	I=1.1A		1IN_ELL6RH	SMD	PANASONIC ; SMD CHOKE COIL ; CODE : ELL6RH100M	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
115	12	L2 L14 L17 L24 L31 L34 L39 L45 L48 L69 L72 L90		05 176 0805	47nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-47NXJL	
116	1	L3		05 176 0985	22.8uH		Idc= 4.9A		11N_P0841S	SMD	PULSE ENG. ; TOROID DESIGNED FOR NATIONAL'S 260KHz SIMPLE SWITCHER ; CODE : P0841S	
117	5	L4 L13 L36 L37 L113		05 175 1235	1000nH	5%			11N_1008CS	SMD	COILCRAFT ; CHIP INDUCTORS 1008CS SERIES ; CODE : 1008CS-102XJL	
118	9	C776 L5 L62 L63 L64 L65 L132 R194 R478		05 176 0830	4.7nH	2%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-4N7XGL	
119	5	L6 L27 L98 L107 L127		05 176 0835	3.9nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-3N9XJL	
120	4	L7 L47 L204 L205		05 176 0925	2.7nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-2N7XJL	
121	1	L9		05 176 0960	33uH	20%	I=1.85A		11N_B82464	SMD	EPCOS ; POWER INDUCTORS ; CODE : B82464- G4333-M	
122	1	L15		05 176 1020	10uH	20%	I=3.40A		11N_B82464	SMD	EPCOS ; POWER INDUCTORS ; CODE : B82464- G4103-M	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
123	3	L18 L130 L131		05 175 1620	4221 4KTR	20%				SMD	DELEVAN ; CHIP BEAD FILTER 5 AMP ; CODE 4221-4TR	
124	17	L19 L21 L22 L28 L32 L35 L40 L46 L49 L51 L54 L60 L70 L73 L91 L99 L108		05 176 0910	12nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-12NXJL	
125	20	L20 L25 L29 L30 L33 L38 L44 L50 L52 L53 L55 L58 L68 L71 L74 L77 L83 L86 L89 L94		TBD	TBD (NON MONTARE)				0603	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : xxxxxxxx	
126	18	L23 L26 L41 L42 L43 L67 L80 L81 L82 L118 L119 L120 L121 L122 L123 L124 L125 L126		05 176 0820	22nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-22NXJL	
127	1	L56		05 176 0800	6.8nH	2%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-6N8XGL	
128	4	L57 L59 L114 L115		05 176 0875	33nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-33NXJL	
129	8	L61 L66 L75 L78 L84 L87 L201 L202		05 176 0850	5.6nH	2%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-5N6XGL	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
130	5	L76 L79 L85 L88 L128		05 176 0915	8.2nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-8N2XGL	
131	8	C151 C258 L92 L93 L95 L96 L97 L110		05 176 0920	2.2nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-2N2XJL	
132	7	L100 L101 L102 L103 L104 L105 L106		05 176 0815	10nH	2%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-10NXGL	
133	1	L112		05 176 1025	33uH	10%		I= 280mA	1210	SMD	EPCOS ; SMT INDUCTORS SIMID 1210-H ; ORDERING CODE : B82422-H1333-K ; FARNELL CODE : 1299977	
134	2	L129 L200		05 176 0810	3.3nH	5%			1IN_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-3N3XJL	
135	5	LED1 LED2 LED3 LED4 LED5		10 015 0940	RED / GREEN				1LE_APHBM2012SU RKCGKC	SMD	KINGBRIGHT ; 2.0x1.25mm SMD CHIP LED LAMP ; CODE : APHBM2012SURKCGKC	
136	1	OP1		10 015 0685	SFH6916				SO16	SMD	VISHAY ; OPTO COUPLER SFH6916-T; 2500V 50%	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
137	22	R1 R36 R38 R71 R73 R192 R210 R390 R391 R393 R394 R396 R397 R417 R418 R419 R420 R561 R564 R567 R570 R594		05 189 0155	330R	1%	1/10W		0603	SMD	RESISTENZA 0603	
138	3	R2 R161 R456		05 189 0165	470R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
139	86	R3 R5 R12 R13 R19 R20 R41 R72 R74 R76 R78 R80 R82 R84 R85 R86 R89 R96 R110 R111 R112 R113 R114 R115 R116 R130 R131 R132 R133 R134 R135 R136 R146 R147 R148 R149 R150 R151 R152 R156 R185 R190 R205 R206 R207 R208 R241 R246 R250 R251 R252 R264 R277 R282 R288 R289 R290 R291 R292 R293 R294 R306 R312 R317 R374 R378 R382 R445 R473 R485 R486 R519 R535 R551 R556 R557 R558 R559 R573 R576 R580 R597 R602 R606 R610 R611		05 189 0245	10K	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
140	59	R4 R27 R54 R61 R62 R66 R70 R119 R141 R157 R160 R170 R177 R259 R265 R267 R268 R301 R307 R309 R310 R333 R334 R340 R341 R347 R348 R375 R379 R383 R457 R458 R464 R465 R514 R520 R522 R523 R530 R536 R538 R539 R546 R552 R554 R555 R574 R577 R581 R598 R603 R607 R641 R643 R645 R647 R707 R708 R710		05 189 0185	1K	1%	1/10W		0603	SMD	RESISTENZA 0603	
141	1	R6		05 189 0162	430R	1%	1/10W		0603	SMD	RESISTENZA 0603	
142	1	R7		05 189 0195	1K5	1%	1/10W		0603	SMD	RESISTENZA 0603	
143	4	R8 R29 R627 R631		05 189 0250	12K	1%	1/10W		0603	SMD	RESISTENZA 0603	
144	2	R9 R87		05 187 0136	150R	1%	1/4W		1206	SMD	RESISTENZA 1206	
145	19	R10 R53 R55 R64 R65 R77 R90 R98 R120 R197 R212 R213 R230 R231 R232 R353 R354 R355 R356		05 189 0265	22K	1%	1/10W		0603	SMD	RESISTENZA 0603	
146	4	R11 R26 R722 R724		05 189 0170	560R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
147	1	R14		05 189 0285	47K	1%	1/10W		0603	SMD	RESISTENZA 0603	
148	13	R15 R17 R52 R106 R107 R126 R127 R181 R274 R275 R328 R329 R447		05 189 0140	180R	1%	1/10W		0603	SMD	RESISTENZA 0603	
149	3	R16 R105 R125		05 189 0095	33R	1%	1/10W		0603	SMD	RESISTENZA 0603	
150	22	R18 R24 R199 R203 R204 R214 R215 R218 R222 R225 R235 R238 R240 R286 R287 R321 R322 R470 R471 R472 R483 R487		05 189 0370	51R	1%	1/10W		0603	SMD	RESISTENZA 0603	
151	29	R21 R48 R49 R50 R58 R176 R295 R296 R450 R451 R452 R475 R584 R588 R589 R590 R591 R593 R601 R612 R621 R642 R644 R646 R648 R649 R650 R651 R652		05 189 0225	4K7	1%	1/10W		0603	SMD	RESISTENZA 0603	
152	25	R22 R75 R97 R103 R104 R108 R109 R117 R118 R128 R129 R137 R138 R153 R158 R174 R269 R270 R271 R272 R323 R324 R325 R326 R444		05 189 0023	2R2	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
153	58	R23 R44 R45 R57 R79 R83 R99 R142 R144 R154 R159 R165 R166 R175 R193 R195 R209 R229 R237 R261 R266 R303 R308 R330 R331 R337 R338 R344 R345 R351 R352 R398 R405 R407 R409 R413 R425 R431 R433 R434 R479 R480 R484 R488 R493 R496 R498 R503 R505 R516 R521 R532 R537 R548 R553 R617 R634 R635		TBD	TBD (NON MONTARE)				0603	SMD	RESISTENZA 0603	
154	4	R25 R481 R587 R615		05 189 0035	3R3	1%	1/10W		0603	SMD	RESISTENZA 0603	
155	4	R28 R47 R616 R622		05 189 0065	10R	1%	1/10W		0603	SMD	RESISTENZA 0603	
156	1	R30		05 189 0220	3K9	1%	1/10W		0603	SMD	RESISTENZA 0603	
157	1	R31		05 189 0290	56K	1%	1/10W		0603	SMD	RESISTENZA 0603	
158	14	R32 R33 R34 R35 R360 R361 R364 R367 R370 R373 R569 R572 R596 R620		05 187 0605	0R1	1%	1/4W		1206	SMD	RESISTENZA 1206	
159	1	R37		05 189 0275	33K	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
160	5	R39 R180 R273 R327 R720		05 189 0090	27R	1%	1/10W		0603	SMD	RESISTENZA 0603	
161	2	R40 R100		05 189 0110	56R	1%	1/10W		0603	SMD	RESISTENZA 0603	
162	1	R42		05 189 0240	8K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
163	2	R43 R56		05 189 0260	18K	1%	1/10W		0603	SMD	RESISTENZA 0603	
164	2	R46 R188		05 189 0190	1K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
165	37	L10 L16 L116 L117 R51 R67 R91 R121 R122 R123 R162 R179 R182 R183 R184 R332 R335 R339 R342 R346 R349 R358 R362 R365 R368 R371 R448 R459 R461 R462 R463 R466 R468 R469 R618 R709 R721		05 189 0125	100R	1%	1/10W		0603	SMD	RESISTENZA 0603	
166	4	R59 R386 R387 R388		05 187 0066	10R	1%	1/4W		1206	SMD	RESISTENZA 1206	
167	1	R60		05 187 0091	27R	1%	1/4W		1206	SMD	RESISTENZA 1206	
168	16	R63 R196 R211 R357 R359 R363 R366 R369 R372 R562 R565 R568 R571 R595 R619 R714		05 189 0305	100K	1%	1/10W		0603	SMD	RESISTENZA 0603	
169	4	R68 R449 R460 R467		05 189 0115	68R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
170	6	R69 R187 R389 R392 R395 R477		05 189 0075	15R	1%	1/10W		0603	SMD	RESISTENZA 0603	
171	65	C501 L203 R81 R143 R164 R167 R168 R178 R200 R201 R236 R260 R302 R336 R343 R350 R399 R400 R402 R406 R408 R410 R411 R412 R414 R415 R421 R422 R423 R424 R426 R427 R428 R429 R430 R439 R440 R446 R454 R455 R474 R489 R491 R495 R497 R499 R500 R502 R504 R506 R507 R515 R531 R547 R626 R637 R640 R665 R676 R685 R696 R701 R715 R716 R717		05 189 0460	0R	1%	1/10W		0603	SMD	RESISTENZA 0603	
172	1	R88		05 189 0320	180K	1%	1/10W		0603	SMD	RESISTENZA 0603	
173	12	R92 R93 R253 R254 R508 R509 R524 R525 R540 R541 R702 R706		05 188 0257	390R	1%	1/4W		0805	SMD	RESISTENZA 1206	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
174	12	R94 R124 R255 R256 R297 R298 R510 R511 R526 R527 R542 R543		05 189 0215	3K3	1%	1/10W		0603	SMD	RESISTENZA 0603	
175	1	R95		05 189 0365	1M	1%	1/10W		0603	SMD	RESISTENZA 0603	
176	3	R101 R102 R703		05 189 0130	120R	1%	1/10W		0603	SMD	RESISTENZA 0603	
177	25	R139 R140 R172 R173 R220 R221 R227 R228 R257 R258 R299 R300 R435 R437 R512 R513 R528 R529 R544 R545 R704 R711 R712 R713 R719		05 189 0150	270R	1%	1/10W		0603	SMD	RESISTENZA 0603	
178	12	R145 R155 R262 R263 R304 R305 R517 R518 R533 R534 R549 R550		05 189 0235	6K8	1%	1/10W		0603	SMD	RESISTENZA 0603	
179	1	R163		05 189 0135	150R	1%	1/10W		0603	SMD	RESISTENZA 0603	
180	3	R169 R216 R217		05 189 0002	0.22R	1%	1/10W		0603	SMD	RESISTENZA 0603	
181	4	R171 R219 R226 R436		05 189 0080	18R	1%	1/10W		0603	SMD	RESISTENZA 0603	
182	1	R186		05 189 0122	91R	1%	1/10W		0603	SMD	RESISTENZA 0603	
183	1	R189		05 189 0270	27K	1%	1/10W		0603	SMD	RESISTENZA 0603	
184	4	R191 R629 R630 R633		05 189 0005	1R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
185	22	R198 R376 R377 R380 R381 R482 R384 R385 R575 R578 R579 R582 R583 R586 R592 R599 R600 R604 R605 R608 R609 R614		05 189 0205	2K2	1%	1/10W		0603	SMD	RESISTENZA 0603	
186	6	R202 R245 R276 R281 R311 R316		05 189 0105	47R	1%	1/10W		0603	SMD	RESISTENZA 0603	
187	4	R223 R224 R494 R501		05 189 0085	22R	1%	1/10W		0603	SMD	RESISTENZA 0603	
188	1	R233		05 189 0198	1K8	1%	1/10W		0603	SMD	RESISTENZA 0603	
189	3	R234 R239 R438		05 187 0151	270R	1%	1/4W		1206	SMD	RESISTENZA 1206	
190	6	R242 R247 R278 R283 R313 R318		05 189 0152	300R	1%	1/10W		0603	SMD	RESISTENZA 0603	
191	6	R243 R248 R279 R284 R314 R319		05 189 0191	1K3	1%	1/10W		0603	SMD	RESISTENZA 0603	
192	6	R244 R249 R280 R285 R315 R320		05 187 0096	33R	1%	1/4W		1206	SMD	RESISTENZA 1206	
193	1	R403		05 176 0825	1.6nH	5%			11N_0603CS	SMD	COILCRAFT ; CHIP INDUCTORS 0603CS SERIES ; CODE : 0603CS-1N6XJL	
194	2	R404 R492		05 189 0117	75R	1%	1/10W		0603	SMD	RESISTENZA 0603	
195	4	R416 R623 R624 R625		05 189 0210	2K7	1%	1/10W		0603	SMD	RESISTENZA 0603	
196	6	R441 R442 R653 R654 R655 R656		05 189 0160	390R	1%	1/10W		0603	SMD	RESISTENZA 0603	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
197	1	R443		05 189 0070	12R	1%	1/10W		0603	SMD	RESISTENZA 0603	
198	1	R453		05 189 0050	5R6	1%	1/10W		0603	SMD	RESISTENZA 0603	
199	3	R476 R585 R613		05 189 0180	820R	1%	1/10W		0603	SMD	RESISTENZA 0603	
200	3	R560 R563 R566		05 187 0675	0R1	1%	1W		2512	SMD	RESISTENZA 2512	
201	2	R628 R632		05 189 0202	2K	1%	1/10W		0603	SMD	RESISTENZA 0603	
202	7	R636 R638 R639 R657 R658 R659 R705		05 189 0145	220R	1%	1/10W		0603	SMD	RESISTENZA 0603	
203	1	R718		05 189 0287	51K	1%	1/10W		0603	SMD	RESISTENZA 0603	
204	1	R723		05 189 0060	8R2	1%	1/10W		0603	SMD	RESISTENZA 0603	
205	4	RL1 RL2 RL3 RL4		05 160 0645	IM01GR					SMD	TYCO/AXICOM ; RELE' IMO1GR 3V ; 2 SCAMBI 640 OHM	
206	17	TR1 TR2 TR4 TR5 TR6 TR8 TR10 TR12 TR21 TR22 TR24 TR26 TR30 TR32 TR34 TR36 TR46		10 020 0880	BC817-40		250mW	Vceo= 45V Ic= 500mA	SOT23	SMD	PHILIPS ; SILICON PLANAR EPITAXIAL TRANSISTORS ; 250<hfe<600	
207	1	TR3		10 020 0670	BFG540/X		600mW	Vcbo= 20V Ic= 120mA	SOT143	SMD	PHILIPS ; NPN 9 GHz WIDEBAND TRANSISTOR	
208	7	TR7 TR9 TR11 TR14 TR23 TR29 TR31		10 021 0105	IRLML6402		1.3W	Vdss= -20V Id= -3.7A	SOT23	SMD	I.R. ; HEXFET POWER MOSFET P-CHANNEL	

Item	Qty	Reference	FEP Code	TEKO T. Code	Value	Toll.	Pwr	Volt.	Case	Moun	Description	Om
209	7	TR13 TR15 TR16 TR17 TR18 TR19 TR20		10 020 0860	ATF-54143		725mW	Vds=5V Id= 120mA	SOT343	SMD	AVAGO ; LOW NOISE ENHANCEMENT MODE PSEUDOMORPHIC HEMT	
210	7	TR25 TR28 TR35 TR40 TR45 TR48 TR49		10 020 0885	UMT1N			Vdss= 50V Id= 150mA	SOT-363NXP	SMD	PUMT1 DOPPIO PNP	
211	2	TR27 TR33		10 021 0110	MRFE6S9060NR1 (MONTARE A MANO DI RIPRESA)			28V 14W	TO270-2	SMD	FREESCALE ; RF LD MOS 880 MHz	
212	3	TR37 TR38 TR39		10 021 0090	ZXMP4A16G			Vcbo= 40V Ic=6.4A	SOT223	SMD	ZETEX SEM ; P-MOS ENHANCEMENT	
213	4	TR41 TR42 TR43 TR44		10 020 0570	BCX19			Vcbo= 45V Ic=1A	SOT23	SMD	PHILIPS ; NPN U1	
214	1	TR47		10 021 0125	MRF6S18060NR1 (MONTARE A MANO DI RIPRESA)			26V 60W	TO270-WB-4	SMD	FREESCALE ; RF LD MOS 1800-2000 MHz	
215	1	X2		05 200 0230	16 MHz					SMD	MERCURY ; X32-16.000-10- 10/15I ; QUARZO 16MHZ 1PPM 2,5X3,2mm	
216	1	XTAL1		05 200 0245	8 MHz				1QU_SG-310	SMD	MERCURY ; CRYSTAL OSCILLATOR ; 2 SCAMBI 640 OHM	
217	1										ETICHETTA CON CODICE A BARRE E S/N	
Rev.	Date	Description										
(*) 01	20-11-2009	ATTENZIONE !!!: Controllare tramite X-Ray la saldatura dei pad esposti di tutti i componenti presenti.										