

COMPONENT DESIGNATION	ERICSSON PART #	FUNCTION	OPERATING FREQUENCY
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SCHEMATICS 1/1911-ROA 117 3750 AND 2/1911-ROA 117 3750 (MAIN CIRCUIT BOARD)

INTEGRATED CIRCUITS

D101	RYT 326 6000/4C	NAND GATE	DIGITAL
D102	RYT 326 6008/4C	AND GATE	DIGITAL
D103	RYT 326 6008/4C	AND GATE	DIGITAL
D600	ROP 101 1105/C	MICROCONTROLLER ASIC	DIGITAL
D610	RYT 118 6061/1	FLASH MEMORY	DIGITAL
D630	RYT 118 6086/2	EEPROM MEMORY	DIGITAL
D900	RYS 105 627/3C	DIGITAL SIGNAL PROCESSOR	DC - 12 kHz
N201	ROP 101 1114/C	RX LNA/MIXER, TX MIXER	72 MHz – 1990 MHz
N300	RYT 102 6077/2	PLL INTEGRATED CIRCUIT	50 kHz – 1802 MHz
N301	RTL 402 783/01	AMPS RX VCO	941MHz – 966 MHz
N302	RTL 402 789/01	PCS RX VCO	1733 MHz – 1802 MHz
N350	RYT 101 6233/2	AMPS IF CIRCUIT	450 kHz - 72 MHz
N400	ROP 101 1073/C	POWER CONTROL/CHARGING IC	DC - 100 kHz
N410	RYT 113 6185/1	VOLTAGE REGULATOR	DC
N411	RYT 113 6057/3	VOLTAGE REGULATOR	DC
N412	RYT 113 6095/2	VOLTAGE REGULATOR	DC
N440	RYT 101 6190/01	OP AMPLIFIER	DC- 400 kHz
N460	RYT 101 901/1	MMIC PA, AMPS	824 MHz – 894 MHz
N470	RYT 101 902/1	MMIC PA, PCS	1910 MHz – 1930 MHz
N500	ROP 101 649/4C	PCS RX IF, AMPS AND PCS TX IF	DC – 188 MHz
N560	RTL 402 795/01	PCS TX VCO	1910 MHz – 1930 MHz
N570	RTL 402 784/01	AMPS TX VCO	824 MHz – 894 MHz
N701	RYT 113 6095/1	VOLTAGE REGULATOR	DC
N702	RYT 113 6095/1	VOLTAGE REGULATOR	DC
N703	RYT 113 6040/5C	VOLTAGE DETECTOR, 2.8 V	DC
N704	RYT 113 6057/4	VOLTAGE REGULATOR	DC
N706	RYT 113 6071/5	VOLTAGE REGULATOR	DC
N800	ROP 101 697/6C	AUDIO PROCESSOR IC	DC-1008 kHz

TRANSISTORS / DIODES

V101	RYN 120 647/1	SWITCH, PNP	DC
V201	RYN 121 6069/1	SWITCH, NPN	DC
V202	RKZ 323 650/1	T/R SWITCH	DC- 1930 MHz
V203	RKZ 323 650/1	T/R SWITCH	DC
V210	RYN 121 1606/1	RF BUFFER	824 MHz – 1910 MHz
V300	RYN 121 6069/1	SWITCH, NPN	DC
V301	RYN 120 647/1	SWITCH, PNP	DC
V302	RYN 121 6069/1	SWITCH, NPN	DC
V303	RYN 120 647/1	SWITCH, PNP	DC
V330	RYN 121 6069/1	SWITCH, NPN	50 kHz – 1 MHz
V360	RKZ 323 602/3	VARACTOR	50 kHz
V400	RYN 122 625/1	FET SWITCH	DC
V410	RYN 122 660/1	FET SWITCH	DC
V411	RYN 121 6069/1	SWITCH, NPN	DC
V441	RYN 901 601/1	BJT	DC
V442	RYN 121 6069/1	SWITCH, NPN	DC
V443	RKZ 323 673/1	SHOTTKY DIODE	DC
V445	RKZ 123 646/1	BIPOLAR SILICON DIODE	DC
V450	RYN 121 6101/1	AMPS PA DRIVER	824 MHz – 849 MHz
V460	RYN 120 655/1	SWITCH, PNP	DC

V470	RYN 120 655/1	SWITCH, PNP	DC – 100 kHz
V500	RYN 120 647/1	SWITCH, NPN	DC
V510	RKZ 323 648/2	VARACTOR	13 MHz
V550	RYN 121 6069/1	SWITCH, NPN	DC
V560	RYN 120 629/2	PNP	DC
V561	RYN 901 603/1	DUAL NPN	DC
V562	RYN 121 6069/1	SWITCH, NPN	DC
V570	RYN 120 629/2	PNP	DC
V571	RYN 901 603/1	DUAL NPN	DC
V572	RYN 121 6069/1	SWITCH, NPN	DC
V605	RKZ 123 647/1	DIODE, FLYBACK	DC – 4 kHz
V606	RYN 121 1621/1	SWITCH, NPN	DC – 4 kHz
V607	RYN 121 6069/1	SWITCH, NPN	DC
V608	RKZ 123 646/1	DIODE, CHARGE PUMP	DC – 3 MHz
V611	RKZ 123 646/1	DIODE, CHARGE PUMP	DC – 3 MHz
V613	RYN 121 6086/1	SWITCH, NPN	DC
V614	RYN 121 6086/1	SWITCH, NPN	DC
V701	RYN 121 6069/1	SWITCH, NPN	DC
V702	RKZ 123 647/1	DIODE, LOGIC OR	DC
V703	RYN 121 1621/1	NPN, VOLTAGE FOLLOWER	DC
V704	RYN 120 647/1	SWITCH, PNP	DC
V711	RKZ 123 647/1	DIODE, RECTIFIER	DC
V805	RKZ 123 646/2	DIODE, OVER VOLTAGE PROTECTION	DC
F600	REY 203 03/3	OVER VOLTAGE PROTECTION	DC
F601	REY 203 03/3	OVER VOLTAGE PROTECTION	DC
F602	REY 203 03/3	OVER VOLTAGE PROTECTION	DC
F604	REY 203 03/3	OVER VOLTAGE PROTECTION	DC
F605	REY 203 03/3	OVER VOLTAGE PROTECTION	DC
F606	REY 203 03/3	OVER VOLTAGE PROTECTION	DC
H650	RKZ 433 613/1	INDICATOR LED, RED AND GREEN	DC
H651	RKZ 433 643/1	BACKLIGHT LED	DC
H652	RKZ 433 643/1	BACKLIGHT LED	DC
H653	RKZ 433 643/1	BACKLIGHT LED	DC
H654	RKZ 433 643/1	BACKLIGHT LED	DC
H655	RKZ 433 634/4	BACKLIGHT LED	DC
H656	RKZ 433 634/4	BACKLIGHT LED	DC
H657	RKZ 433 634/4	BACKLIGHT LED	DC
H658	RKZ 433 634/4	BACKLIGHT LED	DC
H659	RKZ 433 634/4	BACKLIGHT LED	DC
H660	RKZ 433 634/4	BACKLIGHT LED	DC
H661	RKZ 923 604/1	IR DIODE MODULE	DC - 115.2 kHz

SCHEMATIC 1911-ROA 117 3238 (MODEM MODULE)

INTEGRATED CIRCUITS

D1	ROP 101 1078/C	MICROCONTROLLER ASIC	DIGITAL
D2	RYT 118 6094/1	FLASH MEMORY	DIGITAL
D3	RYT 119 6026/6C	SRAM MEMORY	DIGITAL

TRANSISTORS / DIODES

N1	RYT 113 6057/4	VOLTAGE REGULATOR	DC
N2	RYT 113 6095/1	VOLTAGE REGULATOR	DC