

# Jotron AS

## Bill Of Material

Date 15.03.2010

**Item**                      **82410**                      **RX Power Module**                      **Production**  
**Version**                      **CN06055**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
82411	VDL Power Board R0934	VDL	001
82479	Nutpiece Rev.B		002
82467	Rear Plate VDL RA-7203 Rev.E		003
98245	SCREW M3x6 PANH.	M3x6 DIN 7985MRX-SR-A4-POZ	004
98240	Ground tag	AMP 0-181949-2	005
97607	SCREW M3x10	DIN 7985 M3x10,ID-P1-P2 A4	006
96530	Nut M3	M3 DIN934 A4	007
96699	Washer ,Star, 3mm	M3 DIN 6798A A4	008
85371	Coaxcable MCX - N chassis 300mm	CNT E2088	009
96599	Connector 24V DC chassis	ELFA 44-529-75	010
92374	Connector AC male chassis	ELFA 43-302-70	011
81803	Cable set for RA 7202		016
96569	Rubber Sleeve	Helavia 201-052, SORT	017

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
02.09.2009	CN06055	BA	Pos. 009

# Jotron AS

## Bill Of Material

Date 20.05.2010

**Item**                    **84557**                    **Modulator Module TA-7650C**                    **Production**  
**Version**                    **CN06017**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
84556	Modulator Board TA-7650C		001
82621	Presspan VDL Vers.B	MODULATOR MODUL	002
82569	SCREEN BOX 71x85mm Rev.A		003
82612	SCREEN BOX VCO Rev.A		004
99419	Top cover for box for PCB 71x85mm Rev.A		005
82300	TEFLONTAPE 12,5MM	3M 5490 HD 5060-11	008
82969	Rubber Sealing 2x8mm KISO 141	Rubber sealing white 2x8mm	009
85354	SCREEN BOX Trackingfilter		010
85531	TAPE 3M DOUBLESIDED	TAPE 3M 9473PC 19mm	011
84023	MCX Conn PCB Jack	CNT MCX1215005 (MCX-KHD4)	PL004
84023	MCX Conn PCB Jack	CNT MCX1215005 (MCX-KHD4)	PL005

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
08.06.2009	CN06017	BA	Pos.010

**Item**                    **84556**                    **Modulator Board TA-7650C**                    **Production**  
**Version**                    **CN06094**

Item	Name / Description	Makes no. / Additional name	Sub pos.
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C001
99080	47uF/16V El.lytt. Nippon, SMD F55	NIPPON CHEMI-CON MV16VC47M F55	C002
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C003
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C004
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C005
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C006
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C007
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C008
98276	Chip cap 15p 50V - 0603	MURATA GRM1885C1H150JA01D	C009
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C010
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C011
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C012
81585	Chip cap 2p7 - Hi Q 0603	MURATA GQM1885C2A2R7CB01D	C013
98274	Chip cap 10p 50V - 0603	MURATA GRM1885C1H100JA01D	C014
98274	Chip cap 10p 50V - 0603	MURATA GRM1885C1H100JA01D	C015
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C016
81581	Chip cap 1p0 - Hi Q 0603	MURATA GQM1885C2A1R0CB01D	C017
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C018
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C019
80971	Chip cap 22p - Hi Q 0603	MURATA GQM1885C1H220JB01D	C020
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C021
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C022
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C023
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C024
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C025
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C026
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C027
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C028
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C029
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C030
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C031
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C032
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C033
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C034
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C035
98303	Chip cap 1n8 50v - 0603	MURATA GRM188R71H182KA01D	C036
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C037
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C038
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C039
98509	Chip cap 1p5 50V - 0603	MURATA GRM1885C1H1R5CZ01D	C040
98303	Chip cap 1n8 50v - 0603	MURATA GRM188R71H182KA01D	C041
OMIT	Utgår		C042
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C043
98519	Chip cap 5p6 50V - 0603	MURATA GRM1885C1H5R6DZ01D	C044
98274	Chip cap 10p 50V - 0603	MURATA GRM1885C1H100JA01D	C045

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98274	Chip cap 10p 50V - 0603	MURATA GRM1885C1H100JA01D	C046
98519	Chip cap 5p6 50V - 0603	MURATA GRM1885C1H5R6DZ01D	C047
98314	Chip cap 33n 16V - 0603 (X7R)	MURATA GRM188R71H333KA61D	C048
98303	Chip cap 1n8 50v - 0603	MURATA GRM188R71H182KA01D	C049
98314	Chip cap 33n 16V - 0603 (X7R)	MURATA GRM188R71H333KA61D	C050
82079	Chip cap 0p5 - Hi Q 0603	MURATA GQM1885C2AR50CB01D	C051
80968	Chip cap 12p- Hi Q 0603	MURATA GQM1885C1H120JB01D	C052
80968	Chip cap 12p- Hi Q 0603	MURATA GQM1885C1H120JB01D	C053
98303	Chip cap 1n8 50v - 0603	MURATA GRM188R71H182KA01D	C054
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C055
98308	Chip cap 5n6 50v - 0603	MURATA GRM188R71H562KA01D	C056
98305	Chip cap 2n7 50v - 0603	MURATA GRM188R71H272KA01D	C057
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C058
98308	Chip cap 5n6 50v - 0603	MURATA GRM188R71H562KA01D	C059
98305	Chip cap 2n7 50v - 0603	MURATA GRM188R71H272KA01D	C060
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C061
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C062
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C063
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C064
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C065
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C066
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C067
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C068
99659	1206 Cer Capacitor 3,3 uF / 16 V	MURATA GRM31MF51C335ZA01L	C069
99119	10uF/16V Electrolytic SMD, MV, B55	NIPPON CHEMI-CON MV16VC10M B55	C070
99119	10uF/16V Electrolytic SMD, MV, B55	NIPPON CHEMI-CON MV16VC10M B55	C071
82624	10uF/35V Size 0405	Yageo CA035M0010REB-0405	C072
99659	1206 Cer Capacitor 3,3 uF / 16 V	MURATA GRM31MF51C335ZA01L	C073
99659	1206 Cer Capacitor 3,3 uF / 16 V	MURATA GRM31MF51C335ZA01L	C074
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C075
OMIT	Utgår		C076
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C077
OMIT	Utgår		C078
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C079
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C080
OMIT	Utgår		C081
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C082
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C083
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C084
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C085
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C086
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C087
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C088
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C089
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C090

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
93682	EMI filter 100p chip 1205	MURATA NFM3DCC101U1H3L	C091
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C092
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C093
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C094
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C095
OMIT	Utgår		C096
98513	Chip cap 3p3 50V - 0603	MURATA GRM1885C1H3R3CZ01D	C097
OMIT	Utgår		C098
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C099
OMIT	Utgår		C100
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C101
OMIT	Utgår		C102
OMIT	Utgår		C103
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C104
99659	1206 Cer Capacitor 3,3 uF / 16 V	MURATA GRM31MF51C335ZA01L	C105
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C106
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C107
95894	Chip tantal 4u7/16V	AVX TAJA475M016R	C108
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C109
98304	Chip cap 2n2 50v - 0603	MURATA GRM188R71H222KA01D	C110
98304	Chip cap 2n2 50v - 0603	MURATA GRM188R71H222KA01D	C111
99657	1210 - 22 uF/10 V Ceramic Capacitor	MURATA GRM32CF51A226ZA01L	C112
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C113
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C114
98288	Chip cap 220p 50V - 0603	MURATA GRM1885C1H221JA01D	C115
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C116
98291	Chip cap 470p 50V - 0603 (COG)	MURATA GRM1885C1H471JA01D	C117
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C118
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C119
OMIT	Utgår		C120
OMIT	Utgår		C121
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C122
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C123
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C124
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C125
98513	Chip cap 3p3 50V - 0603	MURATA GRM1885C1H3R3CZ01D	C126
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C127
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C128
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C129
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C130
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C131
98314	Chip cap 33n 16V - 0603 (X7R)	MURATA GRM188R71H333KA61D	C132
98314	Chip cap 33n 16V - 0603 (X7R)	MURATA GRM188R71H333KA61D	C133
98314	Chip cap 33n 16V - 0603 (X7R)	MURATA GRM188R71H333KA61D	C134
98314	Chip cap 33n 16V - 0603 (X7R)	MURATA GRM188R71H333KA61D	C135

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C136
OMIT	Utgår		C137
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C138
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C139
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C140
OMIT	Utgår		C141
OMIT	Utgår		C142
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C143
95894	Chip tantal 4u7/16V	AVX TAJA475M016R	C144
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C145
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C146
80730	BBY57 - UHF Cap diode 5 - 25 pF - SCD80	Infineon Technologies AG BBY57-02W	D001
80730	BBY57 - UHF Cap diode 5 - 25 pF - SCD80	Infineon Technologies AG BBY57-02W	D002
82491	BB439, varicap		D003
82491	BB439, varicap		D004
82491	BB439, varicap		D005
82491	BB439, varicap		D006
94437	Dual diode BAV99 SOT-23	PHILIPS BAV99,215	D007
OMIT	Utgår		D008
OMIT	Utgår		D009
OMIT	Utgår		D010
91217	SCHOTTKY DIODE	PHILIPS BAT85,113	D011
84265	Cartesian Feedback Loop Transmitter	CML CMX998Q1	IC001
84292	74HC14, TSSOP , Hex Inv. Schmitt Trigger	Texas SN74HC14PW	IC002
80005	SYNTH - LMX2316	National LMX2316TMX/NOPB	IC003
84291	SN74HC00, TSSOP Quad NAND gate	Texas 74HC00PW	IC004
82486	LTC5507, RF Power Detector	Linear LTC5507ES6	IC005
94427	LM2904M - Dual Op Amp - SO8	National LM2904MX	IC006
80203	MCP42010	Microchip MCP42010-i/ST	IC007
99217	ICL7662 CMOS voltage converter SO8	Maxim ICL7662EBA+	IC008
82728	LP2980-ADJ, sot-23 low drop adj reg	National LP2980IM5-ADJ	IC009
84283	LP2992IM5-3.3, 3V3 low drop reg, SOT23	National LP2992IM5-3.3	IC010
80033	Op.Amp, Dual, L-volt, RR-o,MSOP8	National LMV358MM	IC011
84282	MAX4544, SOT-23 SPDT analog switch	Maxim MAX4544EUT-T	IC012
98812	Chip coil 47n 0805 5%	COILCRAFT 0805CS-470XJBC	L001
93158	Drossel 1.0uH SMD - 1210	SIEMENS B82422-A1102-K100	L002
80732	Coil AIR 18n5 - A05T	COILCRAFT AO5TJLC	L003
80009	150 nH - 0805 spole	MURATA LQW2BHN15J03L	L004
97663	Inductor 39 nH	TAIYO YUDEN HK2125 39nH	L006
97663	Inductor 39 nH	TAIYO YUDEN HK2125 39nH	L007
97663	Inductor 39 nH	TAIYO YUDEN HK2125 39nH	L008
84394	110n, Maxi Air Coil 2%	COILCRAFT 132-10SMGLD	L009
84394	110n, Maxi Air Coil 2%	COILCRAFT 132-10SMGLD	L010
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L014
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L015

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L016
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L017
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L018
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L019
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L020
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L021
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L022
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L023
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L024
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L025
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L026
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L027
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L028
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L029
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L030
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L031
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L032
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L033
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L034
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L035
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L036
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L037
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L038
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L039
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L040
82654	1mH Chip inductor 4.5mm	BOURNS CM453232-102KL	L041
84012R0810	PCB VDL Modulator (I panel)		PCB
82761	TERM. STRIP, 5.08mm, 1x9pin, l=10.13mm	Samtec MTSW-209-08-G-S-399	PL001
82761	TERM. STRIP, 5.08mm, 1x9pin, l=10.13mm	Samtec MTSW-209-08-G-S-399	PL002
82761	TERM. STRIP, 5.08mm, 1x9pin, l=10.13mm	Samtec MTSW-209-08-G-S-399	PL003
OMIT	Utgår		PL004
OMIT	Utgår		PL005
OMIT	Utgår		PL006
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q001
94448	Transistor BFR 93A SOT-23	PHILIPS BFR93A/T1	Q002
94448	Transistor BFR 93A SOT-23	PHILIPS BFR93A/T1	Q003
98346	Transistor BFG 520 - SOT143	PHILIPS BFG520,215	Q004
98346	Transistor BFG 520 - SOT143	PHILIPS BFG520,215	Q005
94448	Transistor BFR 93A SOT-23	PHILIPS BFR93A/T1	Q006
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q007
94448	Transistor BFR 93A SOT-23	PHILIPS BFR93A/T1	Q008
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q009
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R001
98394	CR 0603 62R 5%	ROHM MCR03 EZH J-62R	R002
98408	CR 0603 220R 1%	ROHM MCR03 EZP FX-2200	R003

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98394	CR 0603 62R 5%	ROHM MCR03 EZH J-62R	R004
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R005
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R006
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R007
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R008
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R009
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R010
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R011
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R	R012
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R	R013
98703	CR 0603 0R 1%	ROHM 0603 jump	R014
98387	CR 0603 33R 5%	ROHM MCR03 EZH J-33R	R015
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R016
98406	CR 0603 180R 1%	ROHM D11/CRCW0603 100 180R %	R017
98406	CR 0603 180R 1%	ROHM D11/CRCW0603 100 180R %	R018
98431	CR 0603 2k2 1%	ROHM MCR03 EZP FX-2201	R019
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R020
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R	R021
OMIT	Utgår		R022
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R023
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R024
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R025
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R026
98401	CR 0603 120R 1%	ROHM MCR03 EZP FX-1200	R027
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R028
98419	CR 0603 680R 1%	ROHM MCR03 EZP FX-6800	R029
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R030
98410	CR 0603 270R 1%	ROHM MCR03 EZP FX-2700	R031
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R032
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R033
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R034
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R035
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R036
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R037
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R038
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R039
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R040
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R041
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R042
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R043
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R044
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R045
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R046
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R047
98403	CR 0603 150R 1%	ROHM MCR03 EZP FX-1500	R048

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98384	CR 0603 24R 5%	ROHM MCR03 EZH J-24R	R049
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R050
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R051
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R052
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R053
98403	CR 0603 150R 1%	ROHM MCR03 EZP FX-1500	R054
OMIT	Utgår		R055
OMIT	Utgår		R056
98384	CR 0603 24R 5%	ROHM MCR03 EZH J-24R	R057
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R058
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R059
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R060
98482	CR 0603 330k 1%	ROHM MCR03 EZP FX-3303	R061
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R062
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R063
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R064
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R065
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R066
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R067
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R068
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R069
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R070
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R071
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R072
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R073
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R074
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R075
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R076
OMIT	Utgår		R077
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R078
98472	CR 0603 120k 1%	ROHM MCR03 EZP FX-1203	R079
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R080
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R081
OMIT	Utgår		R082
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R083
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R084
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R085
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R086
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R087
98493	CR 0603 1M0 1%	ROHM MCR03 EZP FX-1004	R088
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R089
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R090
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R091
98493	CR 0603 1M0 1%	ROHM MCR03 EZP FX-1004	R092
98449	CR 0603 12k 1%	ROHM	R093

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R094
98449	CR 0603 12k 1%	ROHM	R095
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R096
98429	CR 0603 1k8 1%	ROHM MCR03 EZP FX-1801	R097
98449	CR 0603 12k 1%	ROHM	R098
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R099
98449	CR 0603 12k 1%	ROHM	R100
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R101
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R102
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R103
98482	CR 0603 330k 1%	ROHM MCR03 EZP FX-3303	R104
98482	CR 0603 330k 1%	ROHM MCR03 EZP FX-3303	R105
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R106
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R107
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R108
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R109
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R110
OMIT	Utgår		R111
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R112
98408	CR 0603 220R 1%	ROHM MCR03 EZP FX-2200	R113
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R114
98703	CR 0603 0R 1%	ROHM 0603 jump	R115
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R116
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R	R117
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R	R118
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R	R119
98425	CR 0603 1k2 1%	ROHM MCR03 EZP FX-1201	R120
98425	CR 0603 1k2 1%	ROHM MCR03 EZP FX-1201	R121
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R122
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R123
98387	CR 0603 33R 5%	ROHM MCR03 EZH J-33R	R124
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R125
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R126
98373	CR 0603 8R2 5%	ROHM MCR03 EZH J-8R2	R127
98433	CR 0603 2k7 1%	ROHM MCR03 EZP FX-2701	R128
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R129
98385	CR 0603 27R 5%	ROHM MCR03 EZH J-27R	R130
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R131
98396	CR 0603 75R 1%	ROHM MCR03 EZP FX-75R	R132
98396	CR 0603 75R 1%	ROHM MCR03 EZP FX-75R	R133
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R134
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R135
98425	CR 0603 1k2 1%	ROHM MCR03 EZP FX-1201	R136
98425	CR 0603 1k2 1%	ROHM MCR03 EZP FX-1201	R137
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R138

Item	84556	Modulator Board TA-7650C	Production
Version	CN06094		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R139
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R140
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R141
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R142
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R143
OMIT	Utgår		R144
OMIT	Utgår		R145
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R146
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R147
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R148
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R149
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R150
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R151
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R152
OMIT	Utgår		R153
OMIT	Utgår		R154
OMIT	Utgår		R155
OMIT	Utgår		R156
OMIT	Utgår		R157
OMIT	Utgår		R158
OMIT	Utgår		R159
OMIT	Utgår		R160
OMIT	Utgår		R161
OMIT	Utgår		R162
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R163
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R164
82635	Shield clip	HARWIN S1721-46R	S001
82635	Shield clip	HARWIN S1721-46R	S002
82635	Shield clip	HARWIN S1721-46R	S003
82635	Shield clip	HARWIN S1721-46R	S004
82635	Shield clip	HARWIN S1721-46R	S005
82635	Shield clip	HARWIN S1721-46R	S006
82635	Shield clip	HARWIN S1721-46R	S007
82635	Shield clip	HARWIN S1721-46R	S008
82635	Shield clip	HARWIN S1721-46R	S009
82635	Shield clip	HARWIN S1721-46R	S010
82635	Shield clip	HARWIN S1721-46R	S011
82635	Shield clip	HARWIN S1721-46R	S012
95958	TRAF01:1	MINI CIRCUIT TC1-1+	TR001
84293	RF transformer 4:1	MINI CIRCUIT TC4-6T+	TR002
84295	Balun 1:1	MA-COM MABA-007748-CT1160	TR003

Revision date	Revision	Requested by	Reference
28.10.2009	CN06094	BA	Pos. D11

# Jotron AS

## Bill Of Material

Date 20.05.2010

**Item**                    **84555**                    **TA-76XXC w/PSU Maritim VHF Transmitter Production**  
**Version**                **CN06149**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
82419	TX Front Module	VDL	001
84554	PA Module TA-7650C		002
84558	TX Main Module TA-7650C		003
82417	PSU-7002	Powerbox PBNO0311	004
81725	PSU 7001 Cable		005
97994	Screw 2.5x6mm	Din965 A2 OBS! sorteloks.et.varemot.	006
98245	SCREW M3x6 PANH.	M3x6 DIN 7985MRX-SR-A4-POZ	007
82471	Knob encoder Rev.B		008
93733	HF-cassette, 3U 28HP 227mm	SCHROFF 30809-670	009
95582	Screw M2,5x8 raised countersunk head	DIN 966A A4-70	010
82644	Coax cable MCX straight -MCX r/a 230mm	CNT E1631	012
900114	Ribbon Cable TA-7450	Include 92075 and 90992	013
83013	Coax cable MCX r/a - MCX r/a 300mm	CNT E1883	014
95568	Clip for cross-slotted screw 7000-Front	Schroff.no 21100-591	015
95569	Cross-slotted screw to 7000-Front	Schroff.no 21100 749	016
81864	Pin Diode , DH80055-06	TECELEC DH80055-06NT1	D007
POWER	Power		V1
INBAND	Indband		V2
VOIP	VoIP		V3
DSC	DSC modem		V4

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
09.03.2010	CN06149	BA	Pos. D007

# Jotron AS

## Bill Of Material

Date 20.05.2010

**Item**                    **84554**                    **PA Module TA-7650C**                    **Production**  
**Version**                    **CN06111**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
84553	PA Board TA-7650C		001
82458	VDL Regulator Board R0642		002
82469	Rear Plate VDL TA-7650 Rev.D		003
82613	Fan Panasonic 24VDC 60mm	Panasonic FBA06A24H1A	004
99140	Cooling Profile , TA-74xx/76xx Rev.H		005
93506	SPACER MESSING Ø3.2 2mm	ENLIS 2 A=2	006
96599	Connector 24V DC chassis	ELFA 44-529-75	009
96699	Washer ,Star, 3mm	M3 DIN 6798A A4	010
98193	SCREW M3x40 SYLH.	DIN 84A4	011
92642	SCREW M3x35 SYLH.	M3x35 DIN 84 A4	012
97607	SCREW M3x10	DIN 7985 M3x10,ID-P1-P2 A4	013
99147	Heat Conductor RF-Board Rev.B	Alu. plate 2mm	014
91389	SCREW M3x8 PANH.	M3x8 DIN 7985 A4	015
98245	SCREW M3x6 PANH.	M3x6 DIN 7985MRX-SR-A4-POZ	016
96699	Washer ,Star, 3mm	M3 DIN 6798A A4	017
98240	Ground tag	AMP 0-181949-2	020
85691	Insulating washer TO-247	Fischer Elektronik WK 247	021
97610	Insulating washer TO-220/218	FISHER IB6	022
96530	Nut M3	M3 DIN934 A4	024
82703	Support plate cooling profile Rev. D		025
91206	Cer cap 330pF 10% 1mod	ELFA 65-851-37	026
95859	Connector female 4 pin	Molex 5264-04	027
94379	Contact pin Molex NB ROLL!!	Molex MLX08-40-1039	028
90521	SOLDER TAG	Stocko RLO 4470	029
93724	Cover for transmitter Rev.D	Cover, 0,3mm	031
99105	Cover Screenbox	Rev.A	032
82988	Cover for directional coupler,TA-7650	Rev.B	033
82684	Coaxcable straight SMC-BNC chassis 110mm	CNT E1717	034
82685	Coaxcable straight SMC- N chassis 110mm	CNT E1718	035
82614	Heat conductor Rev.A		036
91450	Washer, 3mm	M3 DIN 125 A4	037
900160	Coil on core 96882		038
95193	Ferrite 10*6mm 3 turn	WBC 3R 4312 0203676	039
82710	SHIELD PLATE VDL REGULATOR REV.A		040
95967	SCREW M2,5x6 PANH.	M2,5x6 DIN 7985 A2	041
28159	Shrink Sleeve, w/glue	ATUM 16/4	042
99741	SHRINK SLEEVE	SHT230-SP-1/8""BLACK 2:1"	043
84841	Heat conductor Rev.A		044
99104	MRF141G Push Pull 300W RF Transistor	Motorola MRF141G	Q005
92836	Transistor MRF 137	Motorola MRF137	Q008
98822	Transistor N-channel	Harris HUF75345G3	Q009

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
----------------------	-----------------	---------------------	------------------

05.01.2010	CN06111	BA	Pos. 021
20.11.2008	CN05907	HG	Pos. 044

**Item**                      **84553**                      **PA Board TA-7650C**                      **Production**  
**Version**                      **CN06151**

Item	Name / Description	Makes no. / Additional name	Sub pos.
95968	SCREEN WALL	Imek IM 1764	BOX
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C001
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C002
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C003
99094	820uF/35V HMD Low ESR Radial type	NIPPON CHEMI-CON ELXY350ELL821MM15S	C004
99094	820uF/35V HMD Low ESR Radial type	NIPPON CHEMI-CON ELXY350ELL821MM15S	C005
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C006
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C007
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C008
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C009
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C010
97462	Chip cap 470pF 200V 5%	TECELEC 501CHB471JVL	C011
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C012
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C013
99086	Chip cap 1nF 50V , 100B	ATC ATC100B102JW50XT	C014
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C015
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C016
99086	Chip cap 1nF 50V , 100B	ATC ATC100B102JW50XT	C017
92835	Chip cap 91pF 500V	ATC ATC100B910KW500XR	C018
92347	Chip cap 82p 50V NP0 5% - 0805	MURATA GRM2165C1H820JA01D	C019
95607	Chip cap 5p6 500V	TECELEC 501CHB5R6CVLR	C020
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C021
92347	Chip cap 82p 50V NP0 5% - 0805	MURATA GRM2165C1H820JA01D	C022
92344	Chip cap 47p 50V NP0 5% - 0805	MURATA GRM2165C1H470JA01D	C023
99086	Chip cap 1nF 50V , 100B	ATC ATC100B102JW50XT	C024
84607	Chip cap 82pF 500V 5%	TECELEC 501CHB820JVL	C025
90192	Chip cap 150pF 300V	TECELEC 301CHB151KVL	C026
OMIT	Utgår		C027
90228	Chip cap 100pF 500V	ATC ATC100B101KW500XR	C028
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C029
OMIT	Utgår		C030
90190	Chip cap 18pF 500V	ELFA 501CHB180KSL	C031
97462	Chip cap 470pF 200V 5%	TECELEC 501CHB471JVL	C032
97462	Chip cap 470pF 200V 5%	TECELEC 501CHB471JVL	C033
99086	Chip cap 1nF 50V , 100B	ATC ATC100B102JW50XT	C034
99086	Chip cap 1nF 50V , 100B	ATC ATC100B102JW50XT	C035
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C036
90227	Chip cap 22pF 500V	TECELEC 501CHB220KVL	C037
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C038
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C039
99094	820uF/35V HMD Low ESR Radial type	NIPPON CHEMI-CON ELXY350ELL821MM15S	C040
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C041
92364	Chip cap 1u0 16V - 1206	AVX 1206YC105KAT2A	C042
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C043
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C044

Item	84553	PA Board TA-7650C	Production
Version	CN06151		
Item	Name / Description	Makes no. / Additional name	Sub pos.
99091	4,7uF/50V El.lytt Nippon, SMD E55	NIPPON CHEMI-CON MV50VC4R7M E55	C045
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C046
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C047
92364	Chip cap 1u0 16V - 1206	AVX 1206YC105KAT2A	C048
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C049
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C050
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C051
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C052
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C053
93380	Chip tantal 2u2-B/20V	AVX TAJB225M020R	C054
93380	Chip tantal 2u2-B/20V	AVX TAJB225M020R	C055
93380	Chip tantal 2u2-B/20V	AVX TAJB225M020R	C056
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C057
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C058
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C059
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C060
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C061
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C062
90250	Chip cap 10pF 500V	ATC ATC100B100KW500XT	C063
99086	Chip cap 1nF 50V , 100B	ATC ATC100B102JW50XT	C064
99086	Chip cap 1nF 50V , 100B	ATC ATC100B102JW50XT	C065
90250	Chip cap 10pF 500V	ATC ATC100B100KW500XT	C066
90250	Chip cap 10pF 500V	ATC ATC100B100KW500XT	C067
84608	Chip cap 24pF 500V 5%	TECELEC 501CHB240JVL	C068
84609	Chip cap 27pF 500V 5%, 1210	TECELEC 501CHB270JVL	C069
84609	Chip cap 27pF 500V 5%, 1210	TECELEC 501CHB270JVL	C070
84608	Chip cap 24pF 500V 5%	TECELEC 501CHB240JVL	C071
90250	Chip cap 10pF 500V	ATC ATC100B100KW500XT	C072
92336	Chip cap 10p 50V NP0 0p25 - 0805	MURATA GRM2165C1H100CZ01D	C073
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C074
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C075
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C076
92336	Chip cap 10p 50V NP0 0p25 - 0805	MURATA GRM2165C1H100CZ01D	C077
92336	Chip cap 10p 50V NP0 0p25 - 0805	MURATA GRM2165C1H100CZ01D	C078
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C079
82815	El.cap 220uF, 16v, low ESR, 6,3mm	Panasonic EEEFK1C221XP	C080
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C081
84731	El.cap 100uF, 25v, low ESR, 6,3mm	Panasonic EEEFK1E101XP	C082
82815	El.cap 220uF, 16v, low ESR, 6,3mm	Panasonic EEEFK1C221XP	C083
82815	El.cap 220uF, 16v, low ESR, 6,3mm	Panasonic EEEFK1C221XP	C084
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C085
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C086
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C087
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C088
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C089

Item	84553	PA Board TA-7650C	Production
Version	CN06151		
Item	Name / Description	Makes no. / Additional name	Sub pos.
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C090
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C091
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C092
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C093
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C094
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C095
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C096
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C097
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM216S1H101JA01D	C098
93380	Chip tantal 2u2-B/20V	AVX TAJB225M020R	C099
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C100
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C101
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C102
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C103
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C104
90228	Chip cap 100pF 500V	ATC ATC100B101KW500XR	C28A
97461	Chip cap 47pF 500V 5%	TECELEC 501CHB470JVL	C28B
92750	Pin Diode, BA595, SOD-323	SIEMENS BA595	D001
93099	Dual diode BAV70	PHILIPS BAV70,215	D002
94437	Dual diode BAV99 SOT-23	PHILIPS BAV99,215	D003
93099	Dual diode BAV70	PHILIPS BAV70,215	D004
94438	Zener Diode 8V2 SOT-23	PHILIPS BZX84-C8V2/T1	D005
81864	Pin Diode , DH80055-06	TECELEC DH80055-06NT1	D006
80471	Bas70-04	PHILIPS BAS70-04.215	D008
80471	Bas70-04	PHILIPS BAS70-04.215	D009
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D010
82726	5V transient voltage suppressor	Microsemi SMBJ2K5.0	D011
94437	Dual diode BAV99 SOT-23	PHILIPS BAV99,215	D012
99085	Fuse 12A, type 251	Littelfuse 0251012.MRT1L	F001
95192	Ferrite 14*3,5mm axial	STEWART 28L0138-400	FB001
95192	Ferrite 14*3,5mm axial	STEWART 28L0138-400	FB002
95192	Ferrite 14*3,5mm axial	STEWART 28L0138-400	FB003
81133	Single fan regulator TC647VOA SO8	Microchip TC647VOA	IC001
82655	Current sense, LTC6101	Linear LTC6101BCS5	IC002
80033	Op.Amp, Dual, L-volt, RR-o,MSOP8	National LMV358MM	IC003
97707	TEMP. SENSOR	National LM50BIM3	IC004
80033	Op.Amp, Dual, L-volt, RR-o,MSOP8	National LMV358MM	IC005
99217	ICL7662 CMOS voltage converter SO8	Maxim ICL7662EBA+	IC006
94427	LM2904M - Dual Op Amp - SO8	National LM2904MX	IC007
30321	DC/DC- Step down SMD,LM2675-ADJ	National LM2675M-ADJ	IC008
80033	Op.Amp, Dual, L-volt, RR-o,MSOP8	National LMV358MM	IC009
95192	Ferrite 14*3,5mm axial	STEWART 28L0138-400	L001
82671	22nH, 0805 Chip inductor	MURATA LQW2BHN22NJ03L	L002
80009	150 nH - 0805 spole	MURATA LQW2BHNR15J03L	L003
84846	Chip coil 1uH, 1206, 510mA	MURATA LQH31CN1R0M03	L004

Item	84553	PA Board TA-7650C	Production
Version	CN06151		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98520	Drossel SMD 1u 1206 5%	COILCRAFT 1206CS-102XJBC	L005
99101	AIR Coil 4.5t 5mm 1mmAg	PP art. 900035 1mmAg (X-92696)	L006
99101	AIR Coil 4.5t 5mm 1mmAg	PP art. 900035 1mmAg (X-92696)	L007
99102	AIR Coil 3.5t 7mm 1mmAg	PP art. 900036	L008
99102	AIR Coil 3.5t 7mm 1mmAg	PP art. 900036	L009
99102	AIR Coil 3.5t 7mm 1mmAg	PP art. 900036	L010
99101	AIR Coil 4.5t 5mm 1mmAg	PP art. 900035 1mmAg (X-92696)	L011
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L012
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L013
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L014
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L015
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L016
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L017
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L018
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L019
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L020
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L021
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L022
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L023
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L024
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L025
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L026
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L027
84004R0707	PCB VDL PA Board		PCB
84023	MCX Conn PCB Jack	CNT MCX1215005 (MCX-KHD4)	PL001
95934	Connector 4pin male	Molex 5267-04A	PL002
90956	20 Pin straight header	AMP 2-1761603-7	PL003
82500	Term.Strip, 2mm, 2*7pin	Samtec MTMM-107-11-S-D-400	PL004
92694	Coax connector SMC	SUHNER 82SMC-50-0-1	PL005
92694	Coax connector SMC	SUHNER 82SMC-50-0-1	PL006
84023	MCX Conn PCB Jack	CNT MCX1215005 (MCX-KHD4)	PL007
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q001
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q002
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q003
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q004
99397	BFG591, Transistor, SOT223	PHILIPS BFG591	Q006
99563	MRF1518 8W RF transistor	Motorola MRF1518NT1	Q007
80450	BSH103 N-MosFET, SOT23, 0.4V-GS, 0.85A	PHILIPS BSH103	Q010
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q011
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q012
82280	P-FET, SOT-223	Infineon Technologies AG BSP170P	Q013
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q014
94448	Transistor BFR 93A SOT-23	PHILIPS BFR93A/T1	Q015
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q016
97224	RC-01 68R	PHILIPS 2322 715 60689	R001

Item	84553	PA Board TA-7650C	Production
Version	CN06151		
Item	Name / Description	Makes no. / Additional name	Sub pos.
97224	RC-01 68R	PHILIPS 2322 715 60689	R002
92726	PRC201 - 1218 4R7/1W	PHILIPS 2322 735 64478	R003
93264	CR 0805 2k2 1%	ROHM MCR10 EZH F-2201	R004
93260	CR 0805 1k5 1%	ROHM MCR10 EZH F-1501	R005
93278	CR 0805 8k2 1%	ROHM MCR10 EZH F-8201	R006
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R007
92726	PRC201 - 1218 4R7/1W	PHILIPS 2322 735 64478	R008
92726	PRC201 - 1218 4R7/1W	PHILIPS 2322 735 64478	R009
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R010
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R011
93236	CR 0805 150R 1%	ROHM MCR10 EZH F-1500	R012
93236	CR 0805 150R 1%	ROHM MCR10 EZH F-1500	R013
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R014
82656	PRC201-1218 150R/1W	Yageo RC1218JK -07150RL	R015
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R016
93230	CR 0805 82R 1%	ROHM MCR10 EZH F-82R0	R017
97204	RC-01 10R	PHILIPS 2322 715 60109	R018
93346	CR 0805 15R 5%	ROHM MCR10 EZH J-150	R019
93346	CR 0805 15R 5%	ROHM MCR10 EZH J-150	R020
99087	PRC201-1218 1R0/1W	Yageo RC1218JK -071R0L	R021
93354	CR 0805 56R 5%	ROHM MCR10 EZH J-560	R022
93244	CR 0805 330R 1%	ROHM MCR10 EZH F-3300	R023
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R024
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R025
97226	RC-01 82R	PHILIPS 2322 715 60829	R026
97226	RC-01 82R	PHILIPS 2322 715 60829	R027
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R028
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R029
93648	Potmeter SMD 2K2	BOURNS 3314J-1-202E	R030
93648	Potmeter SMD 2K2	BOURNS 3314J-1-202E	R031
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R032
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R033
98960	German silver wire, 0.8mm	Nysølvtråd H, Cu Ni12 Zn24	R034
80345	PRC201-1218 15R/1W	PHILIPS 2322 735 60159	R035
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R036
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R037
93238	CR 0805 180R 1%	ROHM MCR10 EZH F-1800	R038
93238	CR 0805 180R 1%	ROHM MCR10 EZH F-1800	R039
93292	CR 0805 33k 1%	Yageo RC0805FR-0733K	R040
93296	CR 0805 47k 1%	ROHM MCR10 EZH F-4702	R041
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R042
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R043
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R044
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R045
93294	CR 0805 39k 1%	ROHM MCR10 EZH F-3902	R046

Item	84553	PA Board TA-7650C	Production
Version	CN06151		
Item	Name / Description	Makes no. / Additional name	Sub pos.
93286	CR 0805 18k 1%	ROHM MCR10 EZH F-1802	R047
93268	CR 0805 3k3 1%	ROHM MCR10 EZH F-3301	R048
93290	CR 0805 27k 1%	ROHM MCR10 EZH F-2702	R049
93258	CR 0805 1k2 1%	ROHM MCR10 EZH F-1201	R050
93336	CR 0805 3R3 5%	ROHM MCR10 EZH J-3R3	R051
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R052
93268	CR 0805 3k3 1%	ROHM MCR10 EZH F-3301	R053
94430	Potmeter 5K SMD single T.	BOURNS 3314J-1-502E	R054
93296	CR 0805 47k 1%	ROHM MCR10 EZH F-4702	R055
93266	CR 0805 2k7 1%	ROHM MCR10 EZH F-2701	R056
93268	CR 0805 3k3 1%	ROHM MCR10 EZH F-3301	R057
93304	CR 0805 100k 1%	ROHM MCR10 EZH F-1003	R058
93263	CR 0805 2k0 1%	ROHM MCR10 EZH F-2001	R059
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R060
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R061
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R062
97403	Potmeter SMD 10k	BOURNS 3314J-1-103E	R063
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R064
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R065
97252	RC-02 1K	PHILIPS 2322 723 61002	R066
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R067
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R068
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R069
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R070
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R071
80347	PRC201-1218 240R/1W	Yageo RC1218JK -07240RL	R072
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R073
97228	RC-02 100R	PHILIPS 2322 723 61001	R074
93244	CR 0805 330R 1%	ROHM MCR10 EZH F-3300	R075
97228	RC-02 100R	PHILIPS 2322 723 61001	R076
97264	RC-02 3K3	PHILIPS 2322 723 63302	R077
93244	CR 0805 330R 1%	ROHM MCR10 EZH F-3300	R078
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R079
93266	CR 0805 2k7 1%	ROHM MCR10 EZH F-2701	R080
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R081
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R082
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R083
93277	CR 0805 7k5 1%	ROHM MCR10 EZH F-7501	R084
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R085
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R086
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R087
93336	CR 0805 3R3 5%	ROHM MCR10 EZH J-3R3	R088
93270	CR 0805 3k9 1%	ROHM MCR10 EZH F-3901	R089
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R090
93304	CR 0805 100k 1%	ROHM MCR10 EZH F-1003	R091

**Item**                    **84553**                    **PA Board TA-7650C**                    **Production**  
**Version**                    **CN06151**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
93287	CR 0805 20k 1%	ROHM MCR10 EZH F-2002	R092
93284	CR 0805 15k 1%	ROHM MCR10 EZH F-1502	R093
93268	CR 0805 3k3 1%	ROHM MCR10 EZH F-3301	R094
93328	CR 0805 1M 1%	ROHM MCR10 EZH F-1004	R095
93336	CR 0805 3R3 5%	ROHM MCR10 EZH J-3R3	R096
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R097
93346	CR 0805 15R 5%	ROHM MCR10 EZH J-150	R098
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R099
82672	10k NTC, SMD 0805	Epcos B57421V2103J062	R100
82672	10k NTC, SMD 0805	Epcos B57421V2103J062	R101
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R102
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R103
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R104
93304	CR 0805 100k 1%	ROHM MCR10 EZH F-1003	R105
93361	CR 0805 3M3 5%	ROHM MCR10 EZH J-335	R106
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R107
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R108
93244	CR 0805 330R 1%	ROHM MCR10 EZH F-3300	R109
95961	Relay 24V 16A	Schrack RP 310024	REL001
99093	4:1 Impedance transformer, T50 core	PP art. 900044 (99090 inngår)	T001
99096	9:1 Impedance transformer, output	PP art. 900047 (99179 inngår)	T002
99095	9:1 Impedance transformer, input	PP art. 900045 (97374+99112 inngår)	T003
99092	4:1 Impedance transformer, T30 core	PP art. 900043 (99089 inngår)	T004
99179	Varistor 25Vrms	SIEMENS B72214S250K101	VAR001

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
14.04.2010	CN06151	BA	FB001, FB002, FB003
09.03.2010	CN06149	BA	Pos. D7 moved, L1
03.11.2008	CN05889	BA	Pos. L4
27.08.2008	CN05803	BA	Pos. C082

# Jotron AS

## Bill Of Material

Date 20.05.2010

**Item**                      **84550**                      **RA-7203C Maritim VHF Receiver**                      **Production**  
**Version**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
84501	RX Front Module	VDL Rev.D	001
82410	RX Power Module	VDL	002
84549	RX Main Module RA-7203C		003
93666	HF-cassette, 3U 14HP 227mm	SCHROFF 30809-674	004
95582	Screw M2,5x8 raised countersunk head	DIN 966A A4-70	005
97994	Screw 2.5x6mm	Din965 A2 OBS! sorteloks.et.varemot.	006
98245	SCREW M3x6 PANH.	M3x6 DIN 7985MRX-SR-A4-POZ	007
82471	Knob encoder Rev.B		008
81824	Ribbon Cable RA 7202		009
81728	Conductive soft gasket, 4.8mm X 3.3mm	Tecknit 27-723	010
81728	Conductive soft gasket, 4.8mm X 3.3mm	Tecknit 27-723	011
95568	Clip for cross-slotted screw 7000-Front	Schroff.no 21100-591	012
95569	Cross-slotted screw to 7000-Front	Schroff.no 21100 749	013
VOIP	VoIP		V1
DSC	DSC modem		V2
INBAND	Indband		V3

# Jotron AS

## Bill Of Material

Date 20.05.2010

**Item**                      **84549**                      **RX Main Module RA-7203C**                      **Production**  
**Version**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
84506	VDL RX Main Board R0943	VDL	001
84548	RF Frontend Module RA-7203C		002
82479	Nutpiece Rev.B		003
98245	SCREW M3x6 PANH.	M3x6 DIN 7985MRX-SR-A4-POZ	004
96993	Washer, Star, M2,5	M2,5 DIN 6798A A4	006
95967	SCREW M2,5x6 PANH.	M2,5x6 DIN 7985 A2	007
96699	Washer ,Star, 3mm	M3 DIN 6798A A4	008
82523	RJ45 Single PCB mount	Tyco 5406299-1	PL004
99230	Switch with pushbutton.	ALPS RK09710ELC07	SW001

# Jotron AS

## Bill Of Material

Date 20.05.2010

**Item**                    **84548**                    **RF Frontend Module RA-7203C**                    **Production**  
**Version**                    **CN06037**

<u>Item</u>	<u>Name / Description</u>	<u>Makes no. / Additional name</u>	<u>Sub pos.</u>
84547	RF Frontend Board RA-7203C		001
82569	SCREEN BOX 71x85mm Rev.A		002
82612	SCREEN BOX VCO Rev.A		003
82621	Presspan VDL Vers.B	MODULATOR MODUL	004
99419	Top cover for box for PCB 71x85mm Rev.A		005
84199	IF shielding RF Frontend Rev.A	7x20mm sheet metal	007
84341	Shield plate Rev.A		008
81728	Conductive soft gasket, 4.8mm X 3.3mm	Tecknit 27-723	009
97982	Rubber Sealing 4x9mm	ES 4x9 svart	010
85531	TAPE 3M DOUBLESIDED	TAPE 3M 9473PC 19mm	011
84023	MCX Conn PCB Jack	CNT MCX1215005 (MCX-KHD4)	PL004

<u>Revision date</u>	<u>Revision</u>	<u>Requested by</u>	<u>Reference</u>
25.06.2009	CN06037	BA	Pos. 009

**Item**                    **84547**                    **RF Frontend Board RA-7203C**                    **Production**  
**Version**                    **CN05951**

Item	Name / Description	Makes no. / Additional name	Sub pos.
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C001
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C002
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C003
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C004
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C005
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C006
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C007
80965	Chip cap 6p8 - Hi Q 0603	MURATA GQM1885C2A6R8DB01D	C008
82016	Chip cap 1p8 - Hi Q 0603	MURATA GQM1885C2A1R8CB01D	C009
82016	Chip cap 1p8 - Hi Q 0603	MURATA GQM1885C2A1R8CB01D	C010
80965	Chip cap 6p8 - Hi Q 0603	MURATA GQM1885C2A6R8DB01D	C011
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C012
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C013
OMIT	Utgår		C014
OMIT	Utgår		C015
OMIT	Utgår		C016
OMIT	Utgår		C017
98275	Chip cap 12p 50V - 0603	MURATA GRM1885C1H120JA01D	C018
98275	Chip cap 12p 50V - 0603	MURATA GRM1885C1H120JA01D	C019
81586	Chip cap 3p3 - Hi Q 0603	MURATA GQM1885C2A3R3CB01D	C020
OMIT	Utgår		C021
82787	Chip cap 7p5 - Hi Q 0603	MURATA GQM1885C1H7R5DB01D	C022
OMIT	Utgår		C023
81586	Chip cap 3p3 - Hi Q 0603	MURATA GQM1885C2A3R3CB01D	C024
OMIT	Utgår		C025
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C026
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C027
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C028
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C029
80966	Chip cap 8p2 - Hi Q 0603	MURATA GQM1885C1H8R2DB01D	C030
81584	Chip cap 2p2 - Hi Q 0603	MURATA GQM1885C2A2R2CB01D	C031
80966	Chip cap 8p2 - Hi Q 0603	MURATA GQM1885C1H8R2DB01D	C032
OMIT	Utgår		C033
OMIT	Utgår		C034
OMIT	Utgår		C035
98275	Chip cap 12p 50V - 0603	MURATA GRM1885C1H120JA01D	C036
98275	Chip cap 12p 50V - 0603	MURATA GRM1885C1H120JA01D	C037
OMIT	Utgår		C038
82111	Chip cap 5p6 - Hi Q 0603	MURATA GQM1885C2A5R6DB01D	C039
80966	Chip cap 8p2 - Hi Q 0603	MURATA GQM1885C1H8R2DB01D	C040
81585	Chip cap 2p7 - Hi Q 0603	MURATA GQM1885C2A2R7CB01D	C041
81585	Chip cap 2p7 - Hi Q 0603	MURATA GQM1885C2A2R7CB01D	C042
80966	Chip cap 8p2 - Hi Q 0603	MURATA GQM1885C1H8R2DB01D	C043
82111	Chip cap 5p6 - Hi Q 0603	MURATA GQM1885C2A5R6DB01D	C044
OMIT	Utgår		C045

Item	84547	RF Frontend Board	RA-7203C	Production
Version	CN05951			
Item	Name / Description	Makes no. / Additional name		Sub pos.
99396	Chip cap 82p 50V - 0603	MURATA GRM1885C1H820JA01D		C046
OMIT	Utgår			C047
99396	Chip cap 82p 50V - 0603	MURATA GRM1885C1H820JA01D		C048
OMIT	Utgår			C049
OMIT	Utgår			C050
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D		C051
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D		C052
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D		C053
OMIT	Utgår			C054
98307	Chip cap 4n7 50V - 0603	MURATA GRM188R71H472KA01D		C055
98307	Chip cap 4n7 50V - 0603	MURATA GRM188R71H472KA01D		C056
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D		C057
98277	Chip cap 18p 50V - 0603	MURATA GRM1885C1H180JA01D		C058
98519	Chip cap 5p6 50V - 0603	MURATA GRM1885C1H5R6DZ01D		C059
98277	Chip cap 18p 50V - 0603	MURATA GRM1885C1H180JA01D		C060
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C061
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C062
98307	Chip cap 4n7 50V - 0603	MURATA GRM188R71H472KA01D		C063
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C064
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C065
98282	Chip cap 56p 50V - 0603	MURATA GRM1885C1H560JA01D		C066
98307	Chip cap 4n7 50V - 0603	MURATA GRM188R71H472KA01D		C067
98307	Chip cap 4n7 50V - 0603	MURATA GRM188R71H472KA01D		C068
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D		C069
80969	Chip cap 15p - Hi Q 0603	MURATA GQM1885C1H150JB01D		C070
OMIT	Utgår			C071
98513	Chip cap 3p3 50V - 0603	MURATA GRM1885C1H3R3CZ01D		C072
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C073
98279	Chip cap 27p 50V - 0603 - COG	MURATA GRM1885C1H270JA01D		C074
98277	Chip cap 18p 50V - 0603	MURATA GRM1885C1H180JA01D		C075
98279	Chip cap 27p 50V - 0603 - COG	MURATA GRM1885C1H270JA01D		C076
98307	Chip cap 4n7 50V - 0603	MURATA GRM188R71H472KA01D		C077
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C078
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D		C079
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D		C080
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C081
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L		C082
99080	47uF/16V El.lytt. Nippon, SMD F55	NIPPON CHEMI-CON MV16VC47M F55		C083
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D		C084
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D		C085
OMIT	Utgår			C086
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D		C087
98279	Chip cap 27p 50V - 0603 - COG	MURATA GRM1885C1H270JA01D		C088
98279	Chip cap 27p 50V - 0603 - COG	MURATA GRM1885C1H270JA01D		C089
98276	Chip cap 15p 50V - 0603	MURATA GRM1885C1H150JA01D		C090

**Item**                      **84547**                      **RF Frontend Board RA-7203C**                      **Production**  
**Version**                      **CN05951**

Item	Name / Description	Makes no. / Additional name	Sub pos.
98277	Chip cap 18p 50V - 0603	MURATA GRM1885C1H180JA01D	C091
81587	Chip cap 3p6 - Hi Q 0603	MURATA GQM1885C2A3R6CB01D	C092
80970	Chip cap 18p - Hi Q 0603	MURATA GQM1885C1H180JB01D	C093
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C094
98278	Chip cap 22p 50V - 0603	MURATA GRM1885C1H220JA01D	C095
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C096
OMIT	Utgår		C097
98259	Chip cap 39p 50V - 0603	MURATA GRM1885C1H390JA01D	C098
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C099
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C100
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C101
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C102
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C103
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C104
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C105
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C106
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C107
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C108
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C109
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C110
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C111
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C112
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C113
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C114
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C115
99659	1206 Cer Capacitor 3,3 uF / 16 V	MURATA GRM31MF51C335ZA01L	C116
99659	1206 Cer Capacitor 3,3 uF / 16 V	MURATA GRM31MF51C335ZA01L	C117
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C118
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C119
OMIT	Utgår		C120
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C121
OMIT	Utgår		C122
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C123
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C124
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C125
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C126
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C127
84297	Chip cap 0u47 50V X7R 1206	MURATA GRM31MR71H474KA01	C128
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C129
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C130
93683	EMI filter 1n chip 1206	MURATA NFM3212R13C102RT1	C131
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C132
OMIT	Utgår		C133
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C134
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C135

Item	84547	RF Frontend Board RA-7203C	Production
Version	CN05951		
Item	Name / Description	Makes no. / Additional name	Sub pos.
95894	Chip tantal 4u7/16V	AVX TAJA475M016R	C136
98266	Chip cap 1p 50V - 0603	MURATA GRM1885C1H1R0CZ01D	C137
94437	Dual diode BAV99 SOT-23	PHILIPS BAV99,215	D001
94437	Dual diode BAV99 SOT-23	PHILIPS BAV99,215	D002
92750	Pin Diode, BA595, SOD-323	SIEMENS BA595	D003
99437	Pin Diode, BAP51-03, SOD-323	PHILIPS BAP51-03	D004
92750	Pin Diode, BA595, SOD-323	SIEMENS BA595	D005
99437	Pin Diode, BAP51-03, SOD-323	PHILIPS BAP51-03	D006
99801	Diode, Schottky, smd, 0.5A, 20V, MBR0520L	ON Semiconductor MBR0520LT1	D007
80729	BBY55 - UHF Cap diode 5 - 24 pF - SCD80	Infineon Technologies AG BBY55-02W	D008
80729	BBY55 - UHF Cap diode 5 - 24 pF - SCD80	Infineon Technologies AG BBY55-02W	D009
80033	Op.Amp, Dual, L-volt, RR-o, MSOP8	National LMV358MM	IC001
80033	Op.Amp, Dual, L-volt, RR-o, MSOP8	National LMV358MM	IC002
82485	RF2436	RF RF2436	IC003
82485	RF2436	RF RF2436	IC004
82486	LTC5507, RF Power Detector	Linear LTC5507ES6	IC005
80005	SYNTH - LMX2316	National LMX2316TMX/NOPB	IC006
82728	LP2980-ADJ, sot-23 low drop adj reg	National LP2980IM5-ADJ	IC007
80009	150 nH - 0805 spole	MURATA LQW2BHNR15J03L	L001
99656	0805 Inductor 820NH	MURATA LQG21NR82K10	L002
80963	Chip coil 68NH - 0805 SMD	MURATA LQN21A68NJ04	L003
84396	68nH, Midi Air Coil 2%	COILCRAFT 1812SMS-68NGLC	L004
84396	68nH, Midi Air Coil 2%	COILCRAFT 1812SMS-68NGLC	L005
84396	68nH, Midi Air Coil 2%	COILCRAFT 1812SMS-68NGLC	L006
99656	0805 Inductor 820NH	MURATA LQG21NR82K10	L007
80963	Chip coil 68NH - 0805 SMD	MURATA LQN21A68NJ04	L008
84396	68nH, Midi Air Coil 2%	COILCRAFT 1812SMS-68NGLC	L009
84396	68nH, Midi Air Coil 2%	COILCRAFT 1812SMS-68NGLC	L010
84396	68nH, Midi Air Coil 2%	COILCRAFT 1812SMS-68NGLC	L011
84396	68nH, Midi Air Coil 2%	COILCRAFT 1812SMS-68NGLC	L012
97661	Inductor 27 nH, 0805	TAIYO YUDEN HK2125 27nH	L013
93156	Drossel 680nH SMD - 1210	SIEMENS B82422-A3681-K	L014
93156	Drossel 680nH SMD - 1210	SIEMENS B82422-A3681-K	L015
93154	Drossel 470nH SMD- 1210	SIEMENS B82422-A3471-K	L016
93154	Drossel 470nH SMD- 1210	SIEMENS B82422-A3471-K	L017
93156	Drossel 680nH SMD - 1210	SIEMENS B82422-A3681-K	L018
93156	Drossel 680nH SMD - 1210	SIEMENS B82422-A3681-K	L019
93154	Drossel 470nH SMD- 1210	SIEMENS B82422-A3471-K	L020
93154	Drossel 470nH SMD- 1210	SIEMENS B82422-A3471-K	L021
80009	150 nH - 0805 spole	MURATA LQW2BHNR15J03L	L022
80009	150 nH - 0805 spole	MURATA LQW2BHNR15J03L	L023
98812	Chip coil 47n 0805 5%	COILCRAFT 0805CS-470XJBC	L024
93158	Drossel 1.0uH SMD - 1210	SIEMENS B82422-A1102-K100	L025
84395	33nH, Midi Air Coil 2%	COILCRAFT 1812SMS-33NGLC	L026
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L027

Item	84547	RF Frontend Board RA-7203C	Production
Version	CN05951		
Item	Name / Description	Makes no. / Additional name	Sub pos.
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L028
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L029
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L030
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L031
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L032
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L033
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L034
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L035
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L036
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L037
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L038
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L039
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L040
84510R0850	PCB VDL RF Frontend (I panel)		PCB
82761	TERM. STRIP, 5.08mm, 1x9pin, l=10.13mm	Samtec MTSW-209-08-G-S-399	PL001
82761	TERM. STRIP, 5.08mm, 1x9pin, l=10.13mm	Samtec MTSW-209-08-G-S-399	PL002
82761	TERM. STRIP, 5.08mm, 1x9pin, l=10.13mm	Samtec MTSW-209-08-G-S-399	PL003
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q001
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q002
82489	BFR540		Q003
82822	Transistor BF908	PHILIPS BF908	Q004
82489	BFR540		Q005
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q006
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q007
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q008
99398	TRANSISTOR BFQ540 - SOT89	PHILIPS BFQ540,115	Q009
98346	Transistor BFG 520 - SOT143	PHILIPS BFG520,215	Q010
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q011
94448	Transistor BFR 93A SOT-23	PHILIPS BFR93A/T1	Q012
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q013
80961	TRANSISTOR BC847T - SOT416	PHILIPS BC847T	Q014
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R001
98385	CR 0603 27R 5%	ROHM MCR03 EZH J-27R	R002
98459	CR 0603 33k 1%	ROHM MCR03 EZP FX-3302	R003
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R004
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R005
98408	CR 0603 220R 1%	ROHM MCR03 EZP FX-2200	R006
98453	CR 0603 18k 1%	ROHM MCR03 EZP FX-1802	R007
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R008
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R009
98421	CR 0603 820R 1%	ROHM MCR03 EZP FX-8200	R010
98408	CR 0603 220R 1%	ROHM MCR03 EZP FX-2200	R011
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R012
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R013
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R014

Item	84547	RF Frontend Board RA-7203C	Production
Version	CN05951		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98410	CR 0603 270R 1%	ROHM MCR03 EZP FX-2700	R015
98363	CR 0603 3R3 5%	ROHM MCR03 EZH J-3R3	R016
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R017
98421	CR 0603 820R 1%	ROHM MCR03 EZP FX-8200	R018
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R019
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R020
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R021
98414	CR 0603 430R 1%	ROHM MCR03 EZP FX-4300	R022
98414	CR 0603 430R 1%	ROHM MCR03 EZP FX-4300	R023
98414	CR 0603 430R 1%	ROHM MCR03 EZP FX-4300	R024
98414	CR 0603 430R 1%	ROHM MCR03 EZP FX-4300	R025
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R026
98459	CR 0603 33k 1%	ROHM MCR03 EZP FX-3302	R027
98408	CR 0603 220R 1%	ROHM MCR03 EZP FX-2200	R028
98453	CR 0603 18k 1%	ROHM MCR03 EZP FX-1802	R029
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R030
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R031
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R032
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R033
98389	CR 0603 39R 5%	ROHM MCR03 EZH J-39R	R034
98385	CR 0603 27R 5%	ROHM MCR03 EZH J-27R	R035
98430	CR 0603 2k0 1%	ROHM MCR03 EZP FX-2001	R036
98430	CR 0603 2k0 1%	ROHM MCR03 EZP FX-2001	R037
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R038
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R039
OMIT	Utgår		R040
98408	CR 0603 220R 1%	ROHM MCR03 EZP FX-2200	R041
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R042
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R043
98433	CR 0603 2k7 1%	ROHM MCR03 EZP FX-2701	R044
98373	CR 0603 8R2 5%	ROHM MCR03 EZH J-8R2	R045
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R046
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R047
98427	CR 0603 1k5 1%	ROHM MCR03 EZP FX-1501	R048
98449	CR 0603 12k 1%	ROHM	R049
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R050
98449	CR 0603 12k 1%	ROHM	R051
98430	CR 0603 2k0 1%	ROHM MCR03 EZP FX-2001	R052
OMIT	Utgår		R053
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R054
98703	CR 0603 0R 1%	ROHM 0603 jump	R055
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R056
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R057
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R058
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R059

Item	84547	RF Frontend Board	RA-7203C	Production
Version	CN05951			
Item	Name / Description	Makes no. / Additional name		Sub pos.
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R		R060
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001		R061
98437	CR 0603 3k9 1%	ROHM MCR03 EZP FX-3901		R062
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001		R063
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301		R064
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R		R065
98380	CR 0603 16R 5%	ROHM MCR03 EZH J-16R		R066
98431	CR 0603 2k2 1%	ROHM MCR03 EZP FX-2201		R067
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000		R068
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300		R069
98427	CR 0603 1k5 1%	ROHM MCR03 EZP FX-1501		R070
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000		R071
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000		R072
98385	CR 0603 27R 5%	ROHM MCR03 EZH J-27R		R073
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001		R074
98427	CR 0603 1k5 1%	ROHM MCR03 EZP FX-1501		R075
98410	CR 0603 270R 1%	ROHM MCR03 EZP FX-2700		R076
OMIT	Utgår			R077
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R		R078
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R		R079
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R		R080
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002		R081
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002		R082
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002		R083
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R		R084
98387	CR 0603 33R 5%	ROHM MCR03 EZH J-33R		R085
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002		R086
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002		R087
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300		R088
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300		R089
OMIT	Utgår			R090
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000		R091
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003		R092
OMIT	Utgår			R093
98472	CR 0603 120k 1%	ROHM MCR03 EZP FX-1203		R094
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R		R095
TBD	To Be Decided	Skal bestemmes senere		R095
98703	CR 0603 0R 1%	ROHM 0603 jump		R096
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001		R097
OMIT	Utgår			R098
OMIT	Utgår			R099
98482	CR 0603 330k 1%	ROHM MCR03 EZP FX-3303		R100
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702		R101
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003		R102
82635	Shield clip	HARWIN S1721-46R		S001

Item 84547 RF Frontend Board RA-7203C Production  
Version CN05951

Item	Name / Description	Makes no. / Additional name	Sub pos.
82635	Shield clip	HARWIN S1721-46R	S002
82635	Shield clip	HARWIN S1721-46R	S003
82635	Shield clip	HARWIN S1721-46R	S004
82635	Shield clip	HARWIN S1721-46R	S005
82635	Shield clip	HARWIN S1721-46R	S006
95418	RC-01 0R (JUMP)	PHILIPS 2322 711 91032	TP002
95418	RC-01 0R (JUMP)	PHILIPS 2322 711 91032	TP003
95418	RC-01 0R (JUMP)	PHILIPS 2322 711 91032	TP004
95418	RC-01 0R (JUMP)	PHILIPS 2322 711 91032	TP005
80490	ADE-1HW, SMD MIXER 17 dB LO	MINI CIRCUIT ADE-1HW	U001
81547	Filter kit XTAL 45MHz ±10kHz	Golledge GMCF 45G20B1 UM-4JN/3L	Y001
82490	Filter Kit XTAL 45MHz +/-3.75kHz	Golledge GMCF 45G7B1 UM-4JN/3L	Y002

Revision date	Revision	Requested by	Reference
26.01.2009	CN05951	BA	Pos. C137
16.12.2008	CN05933	BA	Pos. D7,Q14,R59,C134,C135,R12,R19,PCB
18.11.2008	CN05910	BA	Pos. C88,R75

**Item**                    **84506**                    **VDL RX Main Board R0943**                    **Production**  
**Version**                    **CN06128**

Item	Name / Description	Makes no. / Additional name	Sub pos.
82794	SCREEN BOX IF Rev.A		001
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C001
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C002
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C003
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C004
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C005
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C006
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C007
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C008
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C009
OMIT	Utgår		C010
98277	Chip cap 18p 50V - 0603	MURATA GRM1885C1H180JA01D	C011
98277	Chip cap 18p 50V - 0603	MURATA GRM1885C1H180JA01D	C012
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C013
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C014
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C015
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C016
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C017
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C018
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C019
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C020
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C021
OMIT	Utgår		C022
OMIT	Utgår		C023
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C024
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C025
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C026
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C027
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C028
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C029
OMIT	Utgår		C030
98317	Chip cap 22n 50V - 0603	MURATA GRM188F51H223ZA01D	C031
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C032
98309	Chip cap 6n8 50v - 0603	MURATA GRM188R71H682KA01D	C033
98309	Chip cap 6n8 50v - 0603	MURATA GRM188R71H682KA01D	C034
82518	1nF 2000V X7R 1206 Capacitor	AVX 1206GC102KAT1A	C035
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C036
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C037
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C038
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C039
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C040
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C041
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C042
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C043
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C044

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C045
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C046
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C047
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C048
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C049
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C050
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C051
98278	Chip cap 22p 50V - 0603	MURATA GRM1885C1H220JA01D	C052
OMIT	Utgår		C053
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C054
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C055
80012	Chip El.lytt 100u/6.3v F46	NIPPON CHEMI-CON MVS6.3VC100M F46 TP	C056
99081	220uF/16V El.lytt. Nippon, SMD H10	NIPPON CHEMI-CON MV16VC220M H10	C057
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C058
93221	Chip cap 47nF 50V 10%	MURATA GRM216R71H473KA01D	C059
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C060
95902	Chip tantal 100u/16V	AVX TAJD107*020R	C061
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C062
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C063
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C064
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C065
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C066
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C067
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C068
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C069
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C070
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C071
80012	Chip El.lytt 100u/6.3v F46	NIPPON CHEMI-CON MVS6.3VC100M F46 TP	C072
93221	Chip cap 47nF 50V 10%	MURATA GRM216R71H473KA01D	C073
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C074
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C075
92353	Chip cap 270p 50V NP0 5% - 0805	MURATA GRM2165C1H271JA01D	C076
92353	Chip cap 270p 50V NP0 5% - 0805	MURATA GRM2165C1H271JA01D	C077
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C078
99119	10uF/16V Electrolytic SMD, MV, B55	NIPPON CHEMI-CON MV16VC10M B55	C079
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C080
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C081
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C082
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C083
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C084
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C085
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C086
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C087
OMIT	Utgår		C088
95586	Chip tantal 100u/16V	AVX TPSE 107M016R0100	C089

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C090
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C091
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C092
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C093
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C094
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C095
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C096
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C097
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C098
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C099
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C100
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C101
OMIT	Utgår		C102
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C103
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C104
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C105
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C106
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C107
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C108
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C109
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C110
98288	Chip cap 220p 50V - 0603	MURATA GRM1885C1H221JA01D	C111
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C112
99078	10uF/50V El.lytt. Nippon, SMD F55	NIPPON CHEMI-CON MV50VC10M F55	C113
99078	10uF/50V El.lytt. Nippon, SMD F55	NIPPON CHEMI-CON MV50VC10M F55	C114
93216	Chip cap 18nF 50V 10%	MURATA GRM216R71H183KA01D	C115
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C116
98519	Chip cap 5p6 50V - 0603	MURATA GRM1885C1H5R6DZ01D	C117
98282	Chip cap 56p 50V - 0603	MURATA GRM1885C1H560JA01D	C118
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C119
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C120
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C121
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C122
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C123
95790	Chip cap 220nF 25v 0805 (Y5V)	MURATA GRM216F51H224ZA01D	C124
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C125
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C126
98304	Chip cap 2n2 50v - 0603	MURATA GRM188R71H222KA01D	C127
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C128
OMIT	Utgår		C129
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C130
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C131
93210	Chip cap 5n6 50V 10%	MURATA GRM216R71H562KA01D	C132
92358	Chip cap 820p 50V NP0 5% - 0805	MURATA GRM2165C1H821JA01D	C133
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C134

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C135
OMIT	Utgår		C136
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C137
OMIT	Utgår		C138
OMIT	Utgår		C139
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C140
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C141
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C142
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C143
80012	Chip El.lytt 100u/6.3v F46	NIPPON CHEMI-CON MVS6.3VC100M F46 TP	C145
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C146
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C147
98287	Chip cap 180p 50V - 0603	MURATA GRM1885C1H181JA01D	C148
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C149
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C150
98304	Chip cap 2n2 50v - 0603	MURATA GRM188R71H222KA01D	C151
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C152
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C153
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C154
OMIT	Utgår		C155
OMIT	Utgår		C156
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C157
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C158
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C159
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C160
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C161
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C162
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C163
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C164
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C165
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C166
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C167
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C168
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C169
99081	220uF/16V El.lytt. Nippon, SMD H10	NIPPON CHEMI-CON MV16VC220M H10	C170
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C171
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C172
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C173
99081	220uF/16V El.lytt. Nippon, SMD H10	NIPPON CHEMI-CON MV16VC220M H10	C174
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C175
95902	Chip tantal 100u/16V	AVX TAJD107*020R	C176
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C177
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C178
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C179
OMIT	Utgår		C180

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
OMIT	Utgår		C181
OMIT	Utgår		C182
98297	Chip cap 470p 50V - 0603 (X7R)	MURATA GRM188R71H471KA01D	C183
OMIT	Utgår		C184
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C185
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C186
98280	Chip cap 33p 50V - 0603	MURATA GRM1885C1H330JA01D	C187
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C188
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C189
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C190
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C191
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C192
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C193
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C194
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C195
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C196
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C197
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C198
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C199
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C200
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C201
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C202
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C203
OMIT	Utgår		C204
OMIT	Utgår		C205
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C206
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C207
OMIT	Utgår		C208
OMIT	Utgår		C209
OMIT	Utgår		C210
99657	1210 - 22 uF/10 V Ceramic Capacitor	MURATA GRM32CF51A226ZA01L	C211
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C212
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C213
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C214
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C215
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C216
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C217
OMIT	Utgår		C218
98297	Chip cap 470p 50V - 0603 (X7R)	MURATA GRM188R71H471KA01D	C219
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C220
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C221
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C222
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C223
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C224
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C225

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C226
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C246
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C247
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C248
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C249
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C250
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C251
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C252
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C253
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C254
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C255
98279	Chip cap 27p 50V - 0603 - COG	MURATA GRM1885C1H270JA01D	C256
98281	Chip cap 47p 50V - 0603	MURATA GRM1885C1H470JA01D	C257
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C258
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C259
98297	Chip cap 470p 50V - 0603 (X7R)	MURATA GRM188R71H471KA01D	C260
85422	Chip cap 30p 50V - 0603 - COG	MURATA GRM1885C1H300JA01D	C261
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C262
98287	Chip cap 180p 50V - 0603	MURATA GRM1885C1H181JA01D	C263
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C264
98286	Chip cap 150p 50V - 0603	MURATA GRM1885C1H151JA01D	C265
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C266
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C268
99659	1206 Cer Capacitor 3,3 uF / 16 V	MURATA GRM31MF51C335ZA01L	C269
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D001
84355	SMAJ58CA-TR, Transsorb 58V, bidirectiona	ST SMAJ58CA-TR	D002
80730	BBY57 - UHF Cap diode 5 - 25 pF - SCD80	Infineon Technologies AG BBY57-02W	D003
92734	15V Zener SOT23	PHILIPS BZX84-C15,215	D004
82726	5V transient voltage suppressor	Microsemi SMBJ2K5.0	D005
93099	Dual diode BAV70	PHILIPS BAV70,215	D006
92734	15V Zener SOT23	PHILIPS BZX84-C15,215	D007
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D008
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D009
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D010
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D011
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D012
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D013
84355	SMAJ58CA-TR, Transsorb 58V, bidirectiona	ST SMAJ58CA-TR	D014
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D015
OMIT	Utgår		D016
80730	BBY57 - UHF Cap diode 5 - 25 pF - SCD80	Infineon Technologies AG BBY57-02W	D017
80065	Varicap diode , SMV1255	ALPHA SMV1255-011LF-TR3	D018
82726	5V transient voltage suppressor	Microsemi SMBJ2K5.0	D019
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D020
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D021

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
80065	Varicap diode , SMV1255	ALPHA SMV1255-011LF-TR3	D022
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D023
93099	Dual diode BAV70	PHILIPS BAV70,215	D024
80065	Varicap diode , SMV1255	ALPHA SMV1255-011LF-TR3	D025
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D026
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D027
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D028
93099	Dual diode BAV70	PHILIPS BAV70,215	D029
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D030
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D031
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D032
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D033
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D034
80065	Varicap diode , SMV1255	ALPHA SMV1255-011LF-TR3	D035
93628	Diode PRL4001	PHILIPS PRL4002	D048
93628	Diode PRL4001	PHILIPS PRL4002	D053
99082	0.3A MF-SM-030-2, Bourns, Multifuse SMD	BOURNS MF-SM-030-2	F002
99082	0.3A MF-SM-030-2, Bourns, Multifuse SMD	BOURNS MF-SM-030-2	F004
82497	M29W320DB 32Mbit Data Flash, TSOP48	ST M29W320DB90N6	IC001
82507	NC7SZ00, SOT23 UHS Single NAND Gate	Fairchild Semi NC7SZ00M5_NL	IC002
82498	SDRAM 128Mb, 8M16	Micron MT48LC8M16A2TG-75 IT	IC003
82508	NC7SZ08, SOT23 Single and Gate	Fairchild Semi NC7SZ08M5_NL	IC004
82508	NC7SZ08, SOT23 Single and Gate	Fairchild Semi NC7SZ08M5_NL	IC005
82508	NC7SZ08, SOT23 Single and Gate	Fairchild Semi NC7SZ08M5_NL	IC006
82509	ADM1818, SOT23 3.3V Reset generator	Analog Devices ADM1818-20ART-REEL	IC007
82516	A/D Converter, 12ch, 10bit/w Temp sensor	Maxim MAX1029BEEP-T	IC008
97335	Quad Nand gate	PHILIPS PC74HC00T	IC009
80203	MCP42010	Microchip MCP42010-i/ST	IC010
93629	Audio amplifier	PHILIPS TDA7052AT/N2	IC011
82545	Port Expander	Maxim MAX6957AAI+	IC012
80424	AD1885, Codec, LQFP48	Analog Devices AD1885JSTZ	IC013
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC014
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC015
93629	Audio amplifier	PHILIPS TDA7052AT/N2	IC016
82512	AD5449 12bit dual serial D/A	Analog Devices AD5449YRUZ	IC017
82513	NC7SZ04 SOT23 UHS Single inverter	Fairchild Semi NC7SZ04M5_NL	IC018
99044	LMX2332/ADF4216 Dual Synthesizer	Analog Devices ADF4216	IC019
80033	Op.Amp, Dual, L-volt, RR-o,MSOP8	National LMV358MM	IC020
82546	NC7SZ125 TinyLogic single buffer SOT23-5	Fairchild Semi NC7SZ125M5X_NL	IC021
99050	PC74HCT595T, 8 bit shift register, SO16	PHILIPS PC74HCT595T	IC022
97692	Voltage Regulator, 3v3, 50mA	National LP2980IM5-3.3/AIM5-3.3	IC023
82830	Eeprom, 256 kb, TSSOP8	ST M24256-BW DW 6T	IC024
82546	NC7SZ125 TinyLogic single buffer SOT23-5	Fairchild Semi NC7SZ125M5X_NL	IC025
95950	Hex inv. Schmitt Trigger	Texas SN74AC14D	IC026
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC028

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
82507	NC7SZ00, SOT23 UHS Single NAND Gate	Fairchild Semi NC7SZ00M5_NL	IC029
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC030
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC032
82527	ADM3483	Analog Devices ADM3483ARZ	IC033
82506	Max3227EEAE, SSOP20	Maxim MAX3227EEAE	IC034
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC035
93629	Audio amplifier	PHILIPS TDA7052AT/N2	IC038
82647	AD9874 IF Digitizing Subsystem	Analog Devices AD9874ABST	IC039
82496	Blackfin BF537, DSP	Analog Devices ADSP-BF537BBCZ-5B1	IC042
82514	LAN83C185	SMSC LAN83C185-JT	IC044
82513	NC7SZ04 SOT23 UHS Single inverter	Fairchild Semi NC7SZ04M5_NL	IC045
82513	NC7SZ04 SOT23 UHS Single inverter	Fairchild Semi NC7SZ04M5_NL	IC046
OMIT	Utgår		IC047
OMIT	Utgår		JP001
OMIT	Utgår		JP002
OMIT	Utgår		JP003
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L001
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L002
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L003
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L004
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L005
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L006
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L007
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L008
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L009
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L010
82003	H1102 - Pulse eng. 100mbps eth. trafo	PULSE H1102NL	L011
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L012
94708	Inductor, power, 47u/1.6A, SMD	PULSE P0751.473T	L013
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L014
93158	Drossel 1.0uH SMD - 1210	SIEMENS B82422-A1102-K100	L015
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L016
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L017
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L018
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L019
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L020
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L021
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L022
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L023
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L024
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L025
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L026
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L027
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L028
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L029

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L030
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L031
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L032
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L033
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L034
85553	Chip ferrite bead, 120@100MHz 0.05R 2A	MURATA BLM18PG121SN1	L035
93169	Drossel 10uH SMD - 1210	SIEMENS B82422-A1103-K	L044
93169	Drossel 10uH SMD - 1210	SIEMENS B82422-A1103-K	L045
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L046
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L047
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L048
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L049
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L050
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L051
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L052
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L053
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L054
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L055
80733	Air Inductor 470nH - 0805 SMD	MURATA LQW2BHNH47K01L	L056
93150	Drossel 180nH SMD - 1210	SIEMENS B82422 -A3181-K	L057
93159	Drossel 1u2 SMD - 1210	SIEMENS B82422-A1122-K	L059
84507R0943	PCB, VDL Rx Mainboard	See comments	PCB
97437	16 Pin straight Header	R&N IDH 16LP-S3-TR	PL001
82501	SOCKET, 90°,2mm, 2x7, female, h=mm	Samtec SQT-107-01-L-D-RA	PL002
82524	RJ45 1x4 PCB mount	Tyco 6339167-2	PL003
82533	THROUGH PCB, 2.54mm,2x17, female, h=3.mm	Samtec HLE-117-02-G-DV-A	PL005
82533	THROUGH PCB, 2.54mm,2x17, female, h=3.mm	Samtec HLE-117-02-G-DV-A	PL006
82533	THROUGH PCB, 2.54mm,2x17, female, h=3.mm	Samtec HLE-117-02-G-DV-A	PL007
84745	Term.Strip, 2mm, 2*8pin	Samtec TMM-108-02-G-D-014	PL008
OMIT	Utgår		PL009
99393	TERMINAL STRIP, 2,54mm, 2x7pin,	Samtec TSW-107-07-L-D	PL010
OMIT	Utgår		PL011
OMIT	Utgår		Q001
82028	X-Tal 25.000MHz HC49, SMD	IQD Frequency Products LF XTAL010595	Q002
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q003
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q004
94448	Transistor BFR 93A SOT-23	PHILIPS BFR93A/T1	Q005
81635	X-Tal 24,576MHz	Taitien Electronics Co.Ltd XJIBBCNANF-24.576000MHz	Q006
96984	Transistor Mosfet BST 82	PHILIPS BST82,215	Q007
96984	Transistor Mosfet BST 82	PHILIPS BST82,215	Q008
96984	Transistor Mosfet BST 82	PHILIPS BST82,215	Q009
82511	FDS9431A, P-channel MOSFET	Fairchild Semi FDS9431A	Q020
98703	CR 0603 0R 1%	ROHM 0603 jump	R001
98703	CR 0603 0R 1%	ROHM 0603 jump	R002
98703	CR 0603 0R 1%	ROHM 0603 jump	R003

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98703	CR 0603 0R 1%	ROHM 0603 jump	R004
98703	CR 0603 0R 1%	ROHM 0603 jump	R005
98703	CR 0603 0R 1%	ROHM 0603 jump	R006
98703	CR 0603 0R 1%	ROHM 0603 jump	R007
98703	CR 0603 0R 1%	ROHM 0603 jump	R008
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R009
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R010
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R011
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R012
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R013
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R014
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R015
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R017
93367	CR 0805 10M 5%	ROHM MCR10 EZH J-106	R018
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R019
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R020
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R021
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R022
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R023
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R024
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R025
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R026
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R027
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R028
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R029
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R030
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R031
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R032
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R033
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R034
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R035
98449	CR 0603 12k 1%	ROHM	R036
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R037
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R038
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R039
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R040
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R041
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R042
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R043
98703	CR 0603 0R 1%	ROHM 0603 jump	R044
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R045
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R046
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R047
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R048
93330	CR 0805 1R0 5%	ROHM MCR10 EZH J-1R0	R049

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R050
OMIT	Utgår		R051
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R052
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R053
OMIT	Utgår		R054
OMIT	Utgår		R055
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R056
OMIT	Utgår		R057
98703	CR 0603 0R 1%	ROHM 0603 jump	R058
OMIT	Utgår		R059
93330	CR 0805 1R0 5%	ROHM MCR10 EZH J-1R0	R060
OMIT	Utgår		R061
98703	CR 0603 0R 1%	ROHM 0603 jump	R062
98703	CR 0603 0R 1%	ROHM 0603 jump	R063
98703	CR 0603 0R 1%	ROHM 0603 jump	R064
98703	CR 0603 0R 1%	ROHM 0603 jump	R065
98703	CR 0603 0R 1%	ROHM 0603 jump	R066
98703	CR 0603 0R 1%	ROHM 0603 jump	R067
98703	CR 0603 0R 1%	ROHM 0603 jump	R068
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R069
82567	Resistor array 10k QSOP16	BOURNS 2QSP16-TJ1-103LF	R070
82566	Resistor array 1k QSOP16	BOURNS 2 QSP 16 -TJ1 - 102 LF	R071
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R072
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R073
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R074
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R075
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R076
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R077
98703	CR 0603 0R 1%	ROHM 0603 jump	R078
98703	CR 0603 0R 1%	ROHM 0603 jump	R079
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R080
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R081
98703	CR 0603 0R 1%	ROHM 0603 jump	R082
98703	CR 0603 0R 1%	ROHM 0603 jump	R083
98430	CR 0603 2k0 1%	ROHM MCR03 EZP FX-2001	R084
98425	CR 0603 1k2 1%	ROHM MCR03 EZP FX-1201	R085
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R086
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R087
98351	CR 0603 1R0 5%	ROHM MCR03 EZH J-1R0	R088
98413	CR 0603 390R 1%	ROHM MCR03 EZP FX-3900	R089
98431	CR 0603 2k2 1%	ROHM MCR03 EZP FX-2201	R090
98429	CR 0603 1k8 1%	ROHM MCR03 EZP FX-1801	R091
98703	CR 0603 0R 1%	ROHM 0603 jump	R092
98703	CR 0603 0R 1%	ROHM 0603 jump	R093
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R094

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R095
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R096
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R097
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R098
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R099
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R100
98478	CR 0603 220k 1%	ROHM MCR03 EZP FX-2203	R101
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R102
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R103
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R104
98703	CR 0603 0R 1%	ROHM 0603 jump	R105
98703	CR 0603 0R 1%	ROHM 0603 jump	R106
98432	CR 0603 2k4 1%	ROHM MCR03 EZP FX-2401	R107
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R108
OMIT	Utgår		R109
98703	CR 0603 0R 1%	ROHM 0603 jump	R110
98703	CR 0603 0R 1%	ROHM 0603 jump	R111
98703	CR 0603 0R 1%	ROHM 0603 jump	R112
98703	CR 0603 0R 1%	ROHM 0603 jump	R115
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R116
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R117
98810	CR 0603 68k 1%	ROHM MCR03 EZP FX-6802	R120
98810	CR 0603 68k 1%	ROHM MCR03 EZP FX-6802	R121
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R122
98703	CR 0603 0R 1%	ROHM 0603 jump	R123
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R124
93262	CR 0805 1k8 1%	ROHM MCR10 EZH F-1801	R125
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R126
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R127
98703	CR 0603 0R 1%	ROHM 0603 jump	R128
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R129
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R130
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R132
OMIT	Utgår		R133
98703	CR 0603 0R 1%	ROHM 0603 jump	R134
98703	CR 0603 0R 1%	ROHM 0603 jump	R135
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R136
98703	CR 0603 0R 1%	ROHM 0603 jump	R137
98703	CR 0603 0R 1%	ROHM 0603 jump	R138
98703	CR 0603 0R 1%	ROHM 0603 jump	R139
98703	CR 0603 0R 1%	ROHM 0603 jump	R140
98703	CR 0603 0R 1%	ROHM 0603 jump	R141
98703	CR 0603 0R 1%	ROHM 0603 jump	R142
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R143
82521	63R4 0805 Resistor	ROHM MCR10EZH63R9	R144

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
OMIT	Utgår		R145
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R146
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R147
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R148
98703	CR 0603 0R 1%	ROHM 0603 jump	R149
98703	CR 0603 0R 1%	ROHM 0603 jump	R150
98703	CR 0603 0R 1%	ROHM 0603 jump	R151
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R152
98703	CR 0603 0R 1%	ROHM 0603 jump	R153
OMIT	Utgår		R154
98703	CR 0603 0R 1%	ROHM 0603 jump	R155
98703	CR 0603 0R 1%	ROHM 0603 jump	R156
OMIT	Utgår		R157
OMIT	Utgår		R158
OMIT	Utgår		R159
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R160
98703	CR 0603 0R 1%	ROHM 0603 jump	R161
98703	CR 0603 0R 1%	ROHM 0603 jump	R162
98703	CR 0603 0R 1%	ROHM 0603 jump	R163
98703	CR 0603 0R 1%	ROHM 0603 jump	R164
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R165
98703	CR 0603 0R 1%	ROHM 0603 jump	R166
98703	CR 0603 0R 1%	ROHM 0603 jump	R167
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R168
98703	CR 0603 0R 1%	ROHM 0603 jump	R169
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R170
OMIT	Utgår		R171
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R172
97238	RC-02 270R	PHILIPS 2322 724 62701	R174
97238	RC-02 270R	PHILIPS 2322 724 62701	R175
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R176
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R177
98432	CR 0603 2k4 1%	ROHM MCR03 EZP FX-2401	R178
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R179
98396	CR 0603 75R 1%	ROHM MCR03 EZP FX-75R	R180
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R181
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R182
OMIT	Utgår		R183
OMIT	Utgår		R184
98703	CR 0603 0R 1%	ROHM 0603 jump	R185
97242	RC-02 390R	PHILIPS 2322 723 63901	R186
98703	CR 0603 0R 1%	ROHM 0603 jump	R187
OMIT	Utgår		R188
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R189
98703	CR 0603 0R 1%	ROHM 0603 jump	R190

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98703	CR 0603 0R 1%	ROHM 0603 jump	R191
98703	CR 0603 0R 1%	ROHM 0603 jump	R192
97228	RC-02 100R	PHILIPS 2322 723 61001	R193
97228	RC-02 100R	PHILIPS 2322 723 61001	R194
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R195
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R196
98431	CR 0603 2k2 1%	ROHM MCR03 EZP FX-2201	R197
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R198
97228	RC-02 100R	PHILIPS 2322 723 61001	R199
97228	RC-02 100R	PHILIPS 2322 723 61001	R200
97252	RC-02 1K	PHILIPS 2322 723 61002	R201
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R202
98703	CR 0603 0R 1%	ROHM 0603 jump	R203
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R204
98703	CR 0603 0R 1%	ROHM 0603 jump	R205
98703	CR 0603 0R 1%	ROHM 0603 jump	R206
98703	CR 0603 0R 1%	ROHM 0603 jump	R207
98703	CR 0603 0R 1%	ROHM 0603 jump	R208
98703	CR 0603 0R 1%	ROHM 0603 jump	R209
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R210
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R211
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R212
OMIT	Utgår		R213
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R214
OMIT	Utgår		R216
OMIT	Utgår		R217
98703	CR 0603 0R 1%	ROHM 0603 jump	R218
98703	CR 0603 0R 1%	ROHM 0603 jump	R219
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R220
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R221
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R222
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R223
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R224
98443	CR 0603 6k8 1%	ROHM MCR03 EZP FX-6801	R225
98427	CR 0603 1k5 1%	ROHM MCR03 EZP FX-1501	R226
98410	CR 0603 270R 1%	ROHM MCR03 EZP FX-2700	R227
98703	CR 0603 0R 1%	ROHM 0603 jump	R228
98703	CR 0603 0R 1%	ROHM 0603 jump	R229
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R230
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R231
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R232
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R233
98703	CR 0603 0R 1%	ROHM 0603 jump	R234
98703	CR 0603 0R 1%	ROHM 0603 jump	R235
98703	CR 0603 0R 1%	ROHM 0603 jump	R236

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
98703	CR 0603 0R 1%	ROHM 0603 jump	R237
98703	CR 0603 0R 1%	ROHM 0603 jump	R238
98703	CR 0603 0R 1%	ROHM 0603 jump	R239
98703	CR 0603 0R 1%	ROHM 0603 jump	R240
98703	CR 0603 0R 1%	ROHM 0603 jump	R241
98703	CR 0603 0R 1%	ROHM 0603 jump	R242
98703	CR 0603 0R 1%	ROHM 0603 jump	R243
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R244
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R245
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R246
OMIT	Utgår		R247
98703	CR 0603 0R 1%	ROHM 0603 jump	R248
OMIT	Utgår		R249
98703	CR 0603 0R 1%	ROHM 0603 jump	R250
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R251
98703	CR 0603 0R 1%	ROHM 0603 jump	R252
98703	CR 0603 0R 1%	ROHM 0603 jump	R253
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R254
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R257
98703	CR 0603 0R 1%	ROHM 0603 jump	R259
98703	CR 0603 0R 1%	ROHM 0603 jump	R260
98703	CR 0603 0R 1%	ROHM 0603 jump	R263
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R269
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R270
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R271
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R272
98497	CR 0603 2M2 5%	ROHM MCR03 EZH J-2204	R273
98497	CR 0603 2M2 5%	ROHM MCR03 EZH J-2204	R274
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R275
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R276
98432	CR 0603 2k4 1%	ROHM MCR03 EZP FX-2401	R277
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R278
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R279
OMIT	Utgår		R280
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R281
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R282
98703	CR 0603 0R 1%	ROHM 0603 jump	R283
OMIT	Utgår		R284
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R285
98703	CR 0603 0R 1%	ROHM 0603 jump	R286
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R287
80348	PRC201-1218 2k2/1W	PHILIPS 2322 735 64222	R288
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R289
OMIT	Utgår		R290
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R291

Item	84506	VDL RX Main Board R0943	Production
Version	CN06128		
Item	Name / Description	Makes no. / Additional name	Sub pos.
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R292
OMIT	Utgår		R293
OMIT	Utgår		R294
OMIT	Utgår		R295
OMIT	Utgår		R296
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R297
98413	CR 0603 390R 1%	ROHM MCR03 EZP FX-3900	R298
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R299
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R300
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R301
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R302
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R303
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R304
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R305
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R306
98703	CR 0603 0R 1%	ROHM 0603 jump	R307
98703	CR 0603 0R 1%	ROHM 0603 jump	R308
98703	CR 0603 0R 1%	ROHM 0603 jump	R309
98703	CR 0603 0R 1%	ROHM 0603 jump	R310
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R311
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R312
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R313
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R314
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R315
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R316
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R317
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R318
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R319
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R320
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R321
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R322
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R324
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R325
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R326
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R327
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R328
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R329
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R330
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R331
82525	LBA110	Clare LBA110PTR	RL001
82525	LBA110	Clare LBA110PTR	RL003
82635	Shield clip	HARWIN S1721-46R	S001
82635	Shield clip	HARWIN S1721-46R	S002
82635	Shield clip	HARWIN S1721-46R	S003
82635	Shield clip	HARWIN S1721-46R	S004

**Item**                      **84506**                      **VDL RX Main Board R0943**                      **Production**  
**Version**                      **CN06128**

Item	Name / Description	Makes no. / Additional name	Sub pos.
82635	Shield clip	HARWIN S1721-46R	S005
82635	Shield clip	HARWIN S1721-46R	S006
82635	Shield clip	HARWIN S1721-46R	S007
82635	Shield clip	HARWIN S1721-46R	S008
82635	Shield clip	HARWIN S1721-46R	S009
82635	Shield clip	HARWIN S1721-46R	S010
82635	Shield clip	HARWIN S1721-46R	S011
82635	Shield clip	HARWIN S1721-46R	S012
82635	Shield clip	HARWIN S1721-46R	S013
82635	Shield clip	HARWIN S1721-46R	S014
82635	Shield clip	HARWIN S1721-46R	S015
82635	Shield clip	HARWIN S1721-46R	S016
82635	Shield clip	HARWIN S1721-46R	S017
82635	Shield clip	HARWIN S1721-46R	S018
82635	Shield clip	HARWIN S1721-46R	S019
82635	Shield clip	HARWIN S1721-46R	S020
82635	Shield clip	HARWIN S1721-46R	S021
82635	Shield clip	HARWIN S1721-46R	S022
82635	Shield clip	HARWIN S1721-46R	S023
82635	Shield clip	HARWIN S1721-46R	S024
82635	Shield clip	HARWIN S1721-46R	S025
82635	Shield clip	HARWIN S1721-46R	S026
82635	Shield clip	HARWIN S1721-46R	S027
82635	Shield clip	HARWIN S1721-46R	S028
82635	Shield clip	HARWIN S1721-46R	S029
82635	Shield clip	HARWIN S1721-46R	S030
99553	Push switch, smd	Tokai Trading PT-007-C12B-T	SW005
95332	Line Transformer	BOURNS LM-NP-304-3	TR003
82358	VCTCXO 12.8 MHz, 1.0ppm (-30-85) , SMD	Taitien Electronics Co.Ltd TCEABDS-NF-12.800000MHz	X001

Revision date	Revision	Requested by	Reference
02.02.2010	CN06128	GVB	Pos. C227, C144 removed
20.10.2009	CN06090	GVB	New R0943
20.08.2009	CN06048	BA	Pos. L23, C183, C261, R85
03.04.2009	CN05986	GVB	New R0908
06.01.2009	CN05943	GVB	New R0840
25.11.2008	CN05914	GCB	Pos. S13-S30
06.10.2008	CN05846	GVB	Pos. C190, R042
17.03.2008	CN05664	GVB	Pos. R048
03.12.2007	CN05586	BA	Pos. D2, D14
21.08.2007	CN05522	GVB	Pos. D16
02.04.2007	CN05450	GVB	New R0713
20.02.2007	CN05422	BA	Pos. C123
01.02.2007	CN05396	GVB	Pos.001
12.01.2007	CN05386	GVB	Pos.C1,D16
11.12.2006	CN05361	GVB	New R0648

Item	84502	VDL RX Front Board R0917	Production	
Version	CN06008			
Item	Name / Description		Makes no. / Additional name	Sub pos.
93225	Chip cap 100nF 50V X7R 10% - 0805		MURATA GRM21BR71H104KA01L	C001
93221	Chip cap 47nF 50V 10%		MURATA GRM216R71H473KA01D	C002
98284	Chip cap 100p 50V - 0603		MURATA GRM1885C1H101JA01D	C003
95790	Chip cap 220nF 25v 0805 (Y5V)		MURATA GRM216F51H224ZA01D	C004
95790	Chip cap 220nF 25v 0805 (Y5V)		MURATA GRM216F51H224ZA01D	C005
95790	Chip cap 220nF 25v 0805 (Y5V)		MURATA GRM216F51H224ZA01D	C006
95790	Chip cap 220nF 25v 0805 (Y5V)		MURATA GRM216F51H224ZA01D	C007
98284	Chip cap 100p 50V - 0603		MURATA GRM1885C1H101JA01D	C010
93714	Chip tantal 2u2-C/35V		ELNA SK-1V-225-M-RC	C011
99292	Chip cap 1u 10V - 0603 (Y5V)		MURATA GRM188F51A105ZA01D	C012
99028	Chip tantal 4u7 10V LTA-A		AVX TAJA475M010R	C013
98310	Chip cap 10n 50V - 0603 (X7R)		MURATA GRM188R71H103KA01D	C018
80031	LED SMD Bicolor red/green, HSMF-C155		HP HSMF-C155	D001
80031	LED SMD Bicolor red/green, HSMF-C155		HP HSMF-C155	D002
80031	LED SMD Bicolor red/green, HSMF-C155		HP HSMF-C155	D004
80031	LED SMD Bicolor red/green, HSMF-C155		HP HSMF-C155	D005
94435	Diode BAT 17 SOT-23		PHILIPS BAT17,215	D007
82545	Port Expander		Maxim MAX6957AAI+	IC001
82546	NC7SZ125 TinyLogic single buffer SOT23-5		Fairchild Semi NC7SZ125M5X_NL	IC002
93158	Drossel 1.0uH SMD - 1210		SIEMENS B82422-A1102-K100	L001
93158	Drossel 1.0uH SMD - 1210		SIEMENS B82422-A1102-K100	L002
93158	Drossel 1.0uH SMD - 1210		SIEMENS B82422-A1102-K100	L003
93158	Drossel 1.0uH SMD - 1210		SIEMENS B82422-A1102-K100	L004
84503R0917	PCB VDL RX Front			PCB
82500	Term.Strip, 2mm, 2*7pin		Samtec MTMM-107-11-S-D-400	PL001
85224	Connector ZIF 0.5mm pitch 24lead		I-PEX 20397-024E	PL002
OMIT	Utgår			R001
93294	CR 0805 39k 1%		ROHM MCR10 EZH F-3902	R002
93256	CR 0805 1k0 1%		ROHM MCR10 EZH F-1001	R004
93256	CR 0805 1k0 1%		ROHM MCR10 EZH F-1001	R005
93256	CR 0805 1k0 1%		ROHM MCR10 EZH F-1001	R006
93256	CR 0805 1k0 1%		ROHM MCR10 EZH F-1001	R007
95794	CR 0805 0R 5%		PHILIPS 2322 730 91002	R008
98493	CR 0603 1M0 1%		ROHM MCR03 EZP FX-1004	R009
OMIT	Utgår			R015
OMIT	Utgår			R016
OMIT	Utgår			R017
OMIT	Utgår			R018
93280	CR 0805 10k 1%		ROHM MCR10 EZH F-1002	R023
OMIT	Utgår			R028
99553	Push switch, smd		Tokai Trading PT-007-C12B-T	SW002
99553	Push switch, smd		Tokai Trading PT-007-C12B-T	SW003
99553	Push switch, smd		Tokai Trading PT-007-C12B-T	SW004
99553	Push switch, smd		Tokai Trading PT-007-C12B-T	SW005

# Jotron AS

## Bill Of Material

---

Item                    84502                    VDL RX Front Board R0917                    Production  
Version                CN06008

<u>Revision date</u>	<u>Revision</u>	<u>Requested by</u>	<u>Reference</u>
13.05.2009	CN06008	HG	New R0917
02.04.2007	CN05452	GVB	New Rev.

# Jotron AS

## Bill Of Material

Date 15.03.2010

**Item**                      **84501**                      **RX Front Module**                      **Production**  
**Version**                      **CN06086**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
84502	VDL RX Front Board R0917	VDL	001
82555	Keypad VDL RX front module		002
82480	Frame speaker Rev.A		003
99670	Loudspeaker	Veco, Vansonc Enterprise Co 40KC08-2-2	004
82557	SCREW M2,5x16 SENKH.	M2,5x16 965A A4	005
96993	Washer, Star, M2,5	M2,5 DIN 6798A A4	006
90525	Nut M2,5	M2,5 DIN934 A4	007
82462	Front plate VDL RA-7203 Rev.C		008
84389	Decor window VDL (assy) Rev.B	See comments.	008-1
85223	OLED Pacer 128x64 Pixels	Pacer International PMO19401	009
82668	Light guide, Frontpanel Ø=2.8mm, l=5mm	MENTOR 1282.9001	010
85157	FLISELIN	MATERIAL 96608	011
85531	TAPE 3M DOUBLESIDED	TAPE 3M 9473PC 19mm	012
84627	Frame oled-display Rev. A	Kyst radio	013
82754	Cable 1x0,14mm2 YELLOW	TPF	015
95568	Clip for cross-slotted screw 7000-Front	Schroff.no 21100-591	016

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
29.09.2009	CN06086	GVB	Pos. 014, 015
28.09.2009	CN06083	GVB	Pos. 006, 012
13.05.2009	CN06008	HG	Pos.009, 013
23.04.2009	CN05993	TN	Pos. 011
28.02.2009	CN05648	TN	Pos. 008, 008-1

**Item**                      **84006R0917 VDL TX Main Board**                      **Production**  
**Version**

Item	Name / Description	Makes no. / Additional name	Sub pos.
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C001
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C002
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C003
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C004
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C005
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C006
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C007
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C008
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C009
OMIT	Utgår		C010
OMIT	Utgår		C011
OMIT	Utgår		C012
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C013
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C014
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C015
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C016
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C017
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C018
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C019
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C020
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C021
OMIT	Utgår		C022
OMIT	Utgår		C023
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C024
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C025
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C026
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C027
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C028
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C029
OMIT	Utgår		C030
98312	Chip cap 22n 25V - 0603	MURATA GRM188R71H223KA01D	C031
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C032
98309	Chip cap 6n8 50v - 0603	MURATA GRM188R71H682KA01D	C033
98309	Chip cap 6n8 50v - 0603	MURATA GRM188R71H682KA01D	C034
82518	1nF 2000V X7R 1206 Capacitor	AVX 1206GC102KAT1A	C035
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C036
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C037
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C038
OMIT	Utgår		C039
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C040
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C041
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C042
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C043
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C044
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C045

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
OMIT	Utgår		C046
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C047
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C048
99119	10uF/16V Electrolytic SMD, MV, B55	NIPPON CHEMI-CON MV16VC10M B55	C049
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C050
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C051
80971	Chip cap 22p - Hi Q 0603	MURATA GQM1885C1H220JB01D	C052
80971	Chip cap 22p - Hi Q 0603	MURATA GQM1885C1H220JB01D	C053
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C054
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C055
80012	Chip El.lytt 100u/6.3v F46	NIPPON CHEMI-CON MVS6.3VC100M F46 TP	C056
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C057
95790	Chip cap 220nF 25v 0805 (Y5V)	MURATA GRM216F51H224ZA01D	C058
93221	Chip cap 47nF 50V 10%	MURATA GRM216R71H473KA01D	C059
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C060
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C061
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C062
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C063
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C064
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C065
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C066
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C067
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C068
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C069
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C070
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C071
80012	Chip El.lytt 100u/6.3v F46	NIPPON CHEMI-CON MVS6.3VC100M F46 TP	C072
93221	Chip cap 47nF 50V 10%	MURATA GRM216R71H473KA01D	C073
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C074
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C075
92353	Chip cap 270p 50V NP0 5% - 0805	MURATA GRM2165C1H271JA01D	C076
92353	Chip cap 270p 50V NP0 5% - 0805	MURATA GRM2165C1H271JA01D	C077
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C078
99119	10uF/16V Electrolytic SMD, MV, B55	NIPPON CHEMI-CON MV16VC10M B55	C079
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C080
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C081
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C082
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C083
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C084
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C085
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C086
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C087
OMIT	Utgår		C088
99327	Tantal LTA-D 100uF 10V Low ESR	AVX TPSD107*010#0080	C089
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C090

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C091
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C092
99078	10uF/50V El.lytt. Nippon, SMD F55	NIPPON CHEMI-CON MV50VC10M F55	C093
99078	10uF/50V El.lytt. Nippon, SMD F55	NIPPON CHEMI-CON MV50VC10M F55	C094
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C095
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C096
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C097
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C098
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C099
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C100
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C101
94434	Chip tantal 10u-C 16V	AVX TAJC106K016R	C102
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C103
94434	Chip tantal 10u-C 16V	AVX TAJC106K016R	C104
OMIT	Utgår		C105
OMIT	Utgår		C106
82016	Chip cap 1p8 - Hi Q 0603	MURATA GQM1885C2A1R8CB01D	C107
OMIT	Utgår		C108
82016	Chip cap 1p8 - Hi Q 0603	MURATA GQM1885C2A1R8CB01D	C109
OMIT	Utgår		C110
99326	Tantal LTA-D 100uF 16V Low ESR	AVX TPSD107K016R0150	C111
OMIT	Utgår		C112
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C113
99326	Tantal LTA-D 100uF 16V Low ESR	AVX TPSD107K016R0150	C114
99432	Chip cap 270p 50V - 0603 (COG)	MURATA GRM1885C1H271JA01D	C115
99432	Chip cap 270p 50V - 0603 (COG)	MURATA GRM1885C1H271JA01D	C116
98276	Chip cap 15p 50V - 0603	MURATA GRM1885C1H150JA01D	C117
98276	Chip cap 15p 50V - 0603	MURATA GRM1885C1H150JA01D	C118
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C119
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C120
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C121
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C122
98281	Chip cap 47p 50V - 0603	MURATA GRM1885C1H470JA01D	C123
98281	Chip cap 47p 50V - 0603	MURATA GRM1885C1H470JA01D	C124
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C125
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C126
99432	Chip cap 270p 50V - 0603 (COG)	MURATA GRM1885C1H271JA01D	C127
99432	Chip cap 270p 50V - 0603 (COG)	MURATA GRM1885C1H271JA01D	C128
98276	Chip cap 15p 50V - 0603	MURATA GRM1885C1H150JA01D	C129
98276	Chip cap 15p 50V - 0603	MURATA GRM1885C1H150JA01D	C130
98281	Chip cap 47p 50V - 0603	MURATA GRM1885C1H470JA01D	C131
98281	Chip cap 47p 50V - 0603	MURATA GRM1885C1H470JA01D	C132
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C133
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C134
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C135

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C136
98280	Chip cap 33p 50V - 0603	MURATA GRM1885C1H330JA01D	C137
98280	Chip cap 33p 50V - 0603	MURATA GRM1885C1H330JA01D	C138
OMIT	Utgår		C139
OMIT	Utgår		C140
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C141
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C142
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C143
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C144
98280	Chip cap 33p 50V - 0603	MURATA GRM1885C1H330JA01D	C145
98280	Chip cap 33p 50V - 0603	MURATA GRM1885C1H330JA01D	C146
OMIT	Utgår		C147
OMIT	Utgår		C148
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C149
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C150
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C151
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C152
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C153
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C154
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C155
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C156
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C157
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C158
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C159
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C160
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C161
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C162
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C163
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C164
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C165
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C166
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C167
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C168
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C169
99081	220uF/16V El.lytt. Nippon, SMD H10	NIPPON CHEMI-CON MV16VC220M H10	C170
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C171
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C172
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C173
99081	220uF/16V El.lytt. Nippon, SMD H10	NIPPON CHEMI-CON MV16VC220M H10	C174
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C175
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C176
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C177
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C178
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C179
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C180

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C181
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C182
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C183
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C184
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C185
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C186
99119	10uF/16V Electrolytic SMD, MV, B55	NIPPON CHEMI-CON MV16VC10M B55	C187
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C188
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C189
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C190
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C191
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C192
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C193
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C194
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C195
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C196
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C197
98300	Chip cap 1n 50V - 0603	MURATA GRM188R71H102KA01D	C198
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C199
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C200
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C201
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C202
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C203
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C204
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C205
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C206
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C207
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C208
98284	Chip cap 100p 50V - 0603	MURATA GRM1885C1H101JA01D	C209
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C210
99326	Tantal LTA-D 100uF 16V Low ESR	AVX TPSD107K016R0150	C211
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C212
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C213
95331	Chip tantal 10u-D/35V 7343	ELNA SK2-1V 106 M-RD0	C214
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C215
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C216
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C217
OMIT	Utgår		C218
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C219
98329	Chip cap 220n 16V - 0603 (Y5V)	MURATA GRM188F51C224ZA01D	C220
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C221
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C222
OMIT	Utgår		C223
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C224
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C225

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
94433	Chip tantal 1u 16V LTA-A	AVX TAJA105K016R	C226
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C227
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C228
99796	Chip cap 1uF 16v X7R 0805	MURATA GRM21BR71C105KA01L	C229
98322	Chip cap 100n 25V - 0603	MURATA GRM188R71E104KA01D	C230
95902	Chip tantal 100u/16V	AVX TAJD107*020R	C231
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C232
80971	Chip cap 22p - Hi Q 0603	MURATA GQM1885C1H220JB01D	C233
80971	Chip cap 22p - Hi Q 0603	MURATA GQM1885C1H220JB01D	C234
OMIT	Utgår		C235
99657	1210 - 22 uF/10 V Ceramic Capacitor	MURATA GRM32CF51A226ZA01L	C236
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D001
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D002
93118	Voltage Reference 2.5V	National LM4040CIM3X-2.5	D003
92734	15V Zener SOT23	PHILIPS BZX84-C15,215	D004
94411	Zener Diode 5V6 SOT-23	PHILIPS BZX84-B5V6,215	D005
93099	Dual diode BAV70	PHILIPS BAV70,215	D006
92734	15V Zener SOT23	PHILIPS BZX84-C15,215	D007
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D008
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D009
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D010
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D011
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D012
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D013
84355	SMAJ58CA-TR, Transsorb 58V, bidirectiona	ST SMAJ58CA-TR	D014
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D015
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D016
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D017
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D018
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D019
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D020
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D021
99845	SMBJ48CA Transsorb 48Volt Bidirectional	600Watt 77.4V@8.1A	D022
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D023
94432	Diode BAW 56 SOT-23	PHILIPS BAW56,215	D024
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D025
99845	SMBJ48CA Transsorb 48Volt Bidirectional	600Watt 77.4V@8.1A	D026
94437	Dual diode BAV99 SOT-23	PHILIPS BAV99,215	D027
99845	SMBJ48CA Transsorb 48Volt Bidirectional	600Watt 77.4V@8.1A	D028
94432	Diode BAW 56 SOT-23	PHILIPS BAW56,215	D029
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D030
80029	LED, green, SMD, 0603	Infineon Technologies AG LGQ971- Q62702-P5189	D031
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D032
94432	Diode BAW 56 SOT-23	PHILIPS BAW56,215	D033
99057	SMAJ15CA-TR, Transsorb 15V	SGS SMAJ15CA-TR	D034

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
94432	Diode BAW 56 SOT-23	PHILIPS BAW56,215	D040
94432	Diode BAW 56 SOT-23	PHILIPS BAW56,215	D041
93118	Voltage Reference 2.5V	National LM4040CIM3X-2.5	D045
93628	Diode PRL4001	PHILIPS PRL4002	D048
94432	Diode BAW 56 SOT-23	PHILIPS BAW56,215	D049
93099	Dual diode BAV70	PHILIPS BAV70,215	D050
93099	Dual diode BAV70	PHILIPS BAV70,215	D054
99082	0.3A MF-SM-030-2, Bourns, Multifuse SMD	BOURNS MF-SM-030-2	F002
82497	M29W320DB 32Mbit Data Flash, TSOP48	ST M29W320DB90N6	IC001
82507	NC7SZ00, SOT23 UHS Single NAND Gate	Fairchild Semi NC7SZ00M5_NL	IC002
82498	SDRAM 128Mb, 8M16	Micron MT48LC8M16A2TG-75 IT	IC003
82508	NC7SZ08, SOT23 Single and Gate	Fairchild Semi NC7SZ08M5_NL	IC004
82508	NC7SZ08, SOT23 Single and Gate	Fairchild Semi NC7SZ08M5_NL	IC005
82508	NC7SZ08, SOT23 Single and Gate	Fairchild Semi NC7SZ08M5_NL	IC006
82509	ADM1818, SOT23 3.3V Reset generator	Analog Devices ADM1818-20ART-REEL	IC007
82516	A/D Converter, 12ch, 10bit/w Temp sensor	Maxim MAX1029BEEP-T	IC008
97335	Quad Nand gate	PHILIPS PC74HC00T	IC009
94427	LM2904M - Dual Op Amp - SO8	National LM2904MX	IC010
93629	Audio amplifier	PHILIPS TDA7052AT/N2	IC011
82545	Port Expander	Maxim MAX6957AAI+	IC012
80424	AD1885, Codec, LQFP48	Analog Devices AD1885JSTZ	IC013
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC014
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC015
82510	LTC1407A-1 Dual 14bit 1.5MS/s ADC	Linear LTC1407AIMSE-1	IC016
82512	AD5449 12bit dual serial D/A	Analog Devices AD5449YRUZ	IC017
82568	OP462HRU, Quad opamp, TSSOP14	Analog Devices OP462HRUZ	IC018
99050	PC74HCT595T, 8 bit shift register, SO16	PHILIPS PC74HCT595T	IC019
82564	AD8066ARM	Analog Devices AD8066ARM-Z	IC020
82526	AD8132 Diff. High Speed opamp	Analog Devices AD8132ARMZ	IC021
82526	AD8132 Diff. High Speed opamp	Analog Devices AD8132ARMZ	IC022
82526	AD8132 Diff. High Speed opamp	Analog Devices AD8132ARMZ	IC023
82526	AD8132 Diff. High Speed opamp	Analog Devices AD8132ARMZ	IC024
82546	NC7SZ125 TinyLogic single buffer SOT23-5	Fairchild Semi NC7SZ125M5X_NL	IC025
80203	MCP42010	Microchip MCP42010-i/ST	IC026
97692	Voltage Regulator, 3v3, 50mA	National LP2980IM5-3.3/AIM5-3.3	IC027
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC028
82507	NC7SZ00, SOT23 UHS Single NAND Gate	Fairchild Semi NC7SZ00M5_NL	IC029
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC030
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC031
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC032
82527	ADM3483	Analog Devices ADM3483ARZ	IC033
82506	Max3227EEAE, SSOP20	Maxim MAX3227EEAE	IC034
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC035
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC036
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC037

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
93629	Audio amplifier	PHILIPS TDA7052AT/N2	IC038
80203	MCP42010	Microchip MCP42010-i/ST	IC039
80415	PC357N2T General -optocoupler, Mini-Flat	SHARP PC357N2T	IC040
99221	SP723AB, Over-Voltage Protection, SO8	Littelfuse SP723ABG	IC041
82496	Blackfin BF537, DSP	Analog Devices ADSP-BF537BBCZ-5B1	IC042
82564	AD8066ARM	Analog Devices AD8066ARM-Z	IC043
82514	LAN83C185	SMSC LAN83C185-JT	IC044
82513	NC7SZ04 SOT23 UHS Single inverter	Fairchild Semi NC7SZ04M5_NL	IC045
82513	NC7SZ04 SOT23 UHS Single inverter	Fairchild Semi NC7SZ04M5_NL	IC046
95950	Hex inv. Schmitt Trigger	Texas SN74AC14D	IC047
82513	NC7SZ04 SOT23 UHS Single inverter	Fairchild Semi NC7SZ04M5_NL	IC048
97690	OP-Amp, single, SOT23-5	National LMC7101AIM5/BIM5	IC049
97692	Voltage Regulator, 3v3, 50mA	National LP2980IM5-3.3/AIM5-3.3	IC050
82830	Eeprom, 256 kb, TSSOP8	ST M24256-BW DW 6T	IC051
OMIT	Utgår		IC52
OMIT	Utgår		JP001
OMIT	Utgår		JP002
OMIT	Utgår		JP003
82524	RJ45 1x4 PCB mount	Tyco 6339167-2	JP004
82501	SOCKET, 90°,2mm, 2x7, female, h=mm	Samtec SQT-107-01-L-D-RA	JP006
90956	20 Pin straight header	AMP 2-1761603-7	JP007
OMIT	Utgår		JP008
82523	RJ45 Single PCB mount	Tyco 5406299-1	JP009
99393	TERMINAL STRIP, 2,54mm, 2x7pin,	Samtec TSW-107-07-L-D	JP010
82533	THROUGH PCB, 2.54mm,2x17, female, h=3.mm	Samtec HLE-117-02-G-DV-A	JP012
82533	THROUGH PCB, 2.54mm,2x17, female, h=3.mm	Samtec HLE-117-02-G-DV-A	JP013
82533	THROUGH PCB, 2.54mm,2x17, female, h=3.mm	Samtec HLE-117-02-G-DV-A	JP014
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L001
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L002
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L003
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L004
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L005
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L006
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L007
82519	Ferrite bead, 0805	MURATA BLM21PG600SN1D	L008
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L009
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L010
82003	H1102 - Pulse eng. 100mbps eth. trafo	PULSE H1102NL	L011
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L012
94708	Inductor, power, 47u/1.6A, SMD	PULSE P0751.473T	L013
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L014
84089	Chip ferrite bead, 600R@100MHz 0.9R DC	MURATA BLM18HK0603	L015
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L016
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L017
82026	Ferrite bead 1206	PHILIPS MLS1206-4S4-900	L018

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
84089	Chip ferrite bead, 600R@100MHz 0.9R DC	MURATA BLM18HK0603	L019
84089	Chip ferrite bead, 600R@100MHz 0.9R DC	MURATA BLM18HK0603	L020
84089	Chip ferrite bead, 600R@100MHz 0.9R DC	MURATA BLM18HK0603	L021
84089	Chip ferrite bead, 600R@100MHz 0.9R DC	MURATA BLM18HK0603	L022
84089	Chip ferrite bead, 600R@100MHz 0.9R DC	MURATA BLM18HK0603	L023
84007R0917	PCB VDL Main		PCB001
84745	Term.Strip, 2mm, 2*8pin	Samtec TMM-108-02-G-D-014	PL001
OMIT	Utgår		Q001
82028	X-Tal 25.000MHz HC49, SMD	IQD Frequency Products LF XTAL010595	Q002
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q003
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q004
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q005
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q006
96984	Transistor Mosfet BST 82	PHILIPS BST82,215	Q007
96984	Transistor Mosfet BST 82	PHILIPS BST82,215	Q008
94444	Transistor BC 807 SOT-23	PHILIPS BC807,215	Q009
96984	Transistor Mosfet BST 82	PHILIPS BST82,215	Q010
80961	TRANSISTOR BC847T - SOT416	PHILIPS BC847T	Q011
80961	TRANSISTOR BC847T - SOT416	PHILIPS BC847T	Q012
82511	FDS9431A, P-channel MOSFET	Fairchild Semi FDS9431A	Q020
98703	CR 0603 0R 1%	ROHM 0603 jump	R001
98703	CR 0603 0R 1%	ROHM 0603 jump	R002
98703	CR 0603 0R 1%	ROHM 0603 jump	R003
98703	CR 0603 0R 1%	ROHM 0603 jump	R004
98703	CR 0603 0R 1%	ROHM 0603 jump	R005
98703	CR 0603 0R 1%	ROHM 0603 jump	R006
98703	CR 0603 0R 1%	ROHM 0603 jump	R007
98703	CR 0603 0R 1%	ROHM 0603 jump	R008
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R009
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R010
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R011
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R012
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R013
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R014
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R015
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R016
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R017
93367	CR 0805 10M 5%	ROHM MCR10 EZH J-106	R018
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R019
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R020
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R021
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R022
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R023
93229	CR 0805 75R 1%	ROHM MCR10 EZH F-75R0	R024
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R025

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R026
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R027
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R028
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R029
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R030
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R031
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R032
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R033
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R034
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R035
98449	CR 0603 12k 1%	ROHM	R036
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R037
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R038
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R039
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R040
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R041
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R042
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R043
98703	CR 0603 0R 1%	ROHM 0603 jump	R044
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R045
98703	CR 0603 0R 1%	ROHM 0603 jump	R046
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R047
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R048
93330	CR 0805 1R0 5%	ROHM MCR10 EZH J-1R0	R049
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R050
OMIT	Utgår		R051
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R052
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R053
OMIT	Utgår		R054
OMIT	Utgår		R055
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R056
OMIT	Utgår		R057
98703	CR 0603 0R 1%	ROHM 0603 jump	R058
OMIT	Utgår		R059
93330	CR 0805 1R0 5%	ROHM MCR10 EZH J-1R0	R060
OMIT	Utgår		R061
98703	CR 0603 0R 1%	ROHM 0603 jump	R062
98703	CR 0603 0R 1%	ROHM 0603 jump	R063
98703	CR 0603 0R 1%	ROHM 0603 jump	R064
98703	CR 0603 0R 1%	ROHM 0603 jump	R065
98703	CR 0603 0R 1%	ROHM 0603 jump	R066
98703	CR 0603 0R 1%	ROHM 0603 jump	R067
98703	CR 0603 0R 1%	ROHM 0603 jump	R068
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R069
82567	Resistor array 10k QSOP16	BOURNS 2QSP16-TJ1-103LF	R070

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
82566	Resistor array 1k QSOP16	BOURNS 2 QSP 16 -TJ1 - 102 LF	R071
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R072
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R073
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R074
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R075
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R076
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R077
98703	CR 0603 0R 1%	ROHM 0603 jump	R078
98703	CR 0603 0R 1%	ROHM 0603 jump	R079
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R080
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R081
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R082
98410	CR 0603 270R 1%	ROHM MCR03 EZP FX-2700	R083
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R084
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R085
98703	CR 0603 0R 1%	ROHM 0603 jump	R086
98703	CR 0603 0R 1%	ROHM 0603 jump	R087
93330	CR 0805 1R0 5%	ROHM MCR10 EZH J-1R0	R088
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R089
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R090
98446	CR 0603 9k1 1%	ROHM MCR03 EZP FX-9101	R091
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R092
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R093
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R094
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R095
98446	CR 0603 9k1 1%	ROHM MCR03 EZP FX-9101	R096
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R097
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R098
98446	CR 0603 9k1 1%	ROHM MCR03 EZP FX-9101	R099
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R100
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R101
98435	CR 0603 3k3 1%	ROHM MCR03 EZP FX-3301	R102
98399	CR 0603 100R 1%	ROHM MCR03 EZP FX-1000	R103
98446	CR 0603 9k1 1%	ROHM MCR03 EZP FX-9101	R104
98703	CR 0603 0R 1%	ROHM 0603 jump	R105
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R106
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R107
98703	CR 0603 0R 1%	ROHM 0603 jump	R108
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R109
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R110
98703	CR 0603 0R 1%	ROHM 0603 jump	R111
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R112
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R113
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R114
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R115

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
98703	CR 0603 0R 1%	ROHM 0603 jump	R116
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R117
98439	CR 0603 4K7 1%	ROHM MCR03 EZP FX-4701	R118
98703	CR 0603 0R 1%	ROHM 0603 jump	R119
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R120
98450	CR 0603 13k 1%	ROHM MCR03 EZP FX-1302	R121
98450	CR 0603 13k 1%	ROHM MCR03 EZP FX-1302	R122
98450	CR 0603 13k 1%	ROHM MCR03 EZP FX-1302	R123
98450	CR 0603 13k 1%	ROHM MCR03 EZP FX-1302	R124
98703	CR 0603 0R 1%	ROHM 0603 jump	R125
98703	CR 0603 0R 1%	ROHM 0603 jump	R126
98703	CR 0603 0R 1%	ROHM 0603 jump	R127
98440	CR 0603 5k1 1%	ROHM MCR03 EZP FX-5101	R128
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R129
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R130
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R131
98703	CR 0603 0R 1%	ROHM 0603 jump	R132
93247	CR 0805 430R 1%	ROHM MCR10 EZH F-4300	R133
93247	CR 0805 430R 1%	ROHM MCR10 EZH F-4300	R134
98440	CR 0603 5k1 1%	ROHM MCR03 EZP FX-5101	R135
OMIT	Utgår		R136
98703	CR 0603 0R 1%	ROHM 0603 jump	R137
98703	CR 0603 0R 1%	ROHM 0603 jump	R138
98703	CR 0603 0R 1%	ROHM 0603 jump	R139
98703	CR 0603 0R 1%	ROHM 0603 jump	R140
98703	CR 0603 0R 1%	ROHM 0603 jump	R141
98703	CR 0603 0R 1%	ROHM 0603 jump	R142
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R143
82521	63R4 0805 Resistor	ROHM MCR10EZH63R9	R144
OMIT	Utgår		R145
98392	CR 0603 51R 5%	ROHM MCR03 EZH J-51R	R146
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R147
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R148
98703	CR 0603 0R 1%	ROHM 0603 jump	R149
98703	CR 0603 0R 1%	ROHM 0603 jump	R150
98703	CR 0603 0R 1%	ROHM 0603 jump	R151
98444	CR 0603 7k5 1%	ROHM MCR03 EZP FX-7501	R152
98703	CR 0603 0R 1%	ROHM 0603 jump	R153
98418	CR 0603 620R 1%	ROHM MCR03 EZP FX-6200	R154
98703	CR 0603 0R 1%	ROHM 0603 jump	R155
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R156
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R157
98404	CR 0603 300R 1%	ROHM MCR03 EZP FX-3000	R158
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R159
97252	RC-02 1K	PHILIPS 2322 723 61002	R160

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R161
98703	CR 0603 0R 1%	ROHM 0603 jump	R162
98703	CR 0603 0R 1%	ROHM 0603 jump	R163
98703	CR 0603 0R 1%	ROHM 0603 jump	R164
98703	CR 0603 0R 1%	ROHM 0603 jump	R165
98703	CR 0603 0R 1%	ROHM 0603 jump	R166
98703	CR 0603 0R 1%	ROHM 0603 jump	R167
98404	CR 0603 300R 1%	ROHM MCR03 EZP FX-3000	R168
98703	CR 0603 0R 1%	ROHM 0603 jump	R169
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R170
OMIT	Utgår		R171
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R172
97238	RC-02 270R	PHILIPS 2322 724 62701	R174
97238	RC-02 270R	PHILIPS 2322 724 62701	R175
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R176
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R177
98432	CR 0603 2k4 1%	ROHM MCR03 EZP FX-2401	R178
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R179
98478	CR 0603 220k 1%	ROHM MCR03 EZP FX-2203	R180
98404	CR 0603 300R 1%	ROHM MCR03 EZP FX-3000	R181
98459	CR 0603 33k 1%	ROHM MCR03 EZP FX-3302	R182
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R183
98459	CR 0603 33k 1%	ROHM MCR03 EZP FX-3302	R184
98703	CR 0603 0R 1%	ROHM 0603 jump	R185
97242	RC-02 390R	PHILIPS 2322 723 63901	R186
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R187
OMIT	Utgår		R188
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R189
98703	CR 0603 0R 1%	ROHM 0603 jump	R190
98703	CR 0603 0R 1%	ROHM 0603 jump	R191
98703	CR 0603 0R 1%	ROHM 0603 jump	R192
97228	RC-02 100R	PHILIPS 2322 723 61001	R193
97228	RC-02 100R	PHILIPS 2322 723 61001	R194
98703	CR 0603 0R 1%	ROHM 0603 jump	R195
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R196
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R197
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R198
97228	RC-02 100R	PHILIPS 2322 723 61001	R199
97228	RC-02 100R	PHILIPS 2322 723 61001	R200
98703	CR 0603 0R 1%	ROHM 0603 jump	R201
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R202
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R203
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R204
98703	CR 0603 0R 1%	ROHM 0603 jump	R205
98703	CR 0603 0R 1%	ROHM 0603 jump	R206

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
98703	CR 0603 0R 1%	ROHM 0603 jump	R207
98703	CR 0603 0R 1%	ROHM 0603 jump	R208
98703	CR 0603 0R 1%	ROHM 0603 jump	R209
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R210
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R211
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R212
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R213
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R214
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R215
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R216
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R217
98464	CR 0603 51k 1%	ROHM MCR03 EZP FX-5102	R218
98703	CR 0603 0R 1%	ROHM 0603 jump	R219
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R220
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R221
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R222
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R223
98465	CR 0603 56k 1%	ROHM MCR03 EZP FX-5602	R224
98465	CR 0603 56k 1%	ROHM MCR03 EZP FX-5602	R225
98499	CR 0603 3M3 5%	ROHM MCR03 EZH J-3304	R226
98493	CR 0603 1M0 1%	ROHM MCR03 EZP FX-1004	R227
98703	CR 0603 0R 1%	ROHM 0603 jump	R228
98703	CR 0603 0R 1%	ROHM 0603 jump	R229
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R230
98461	CR 0603 39k 1%	ROHM MCR03 EZP FX-3902	R231
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R232
98703	CR 0603 0R 1%	ROHM 0603 jump	R233
98703	CR 0603 0R 1%	ROHM 0603 jump	R234
98703	CR 0603 0R 1%	ROHM 0603 jump	R235
98703	CR 0603 0R 1%	ROHM 0603 jump	R236
98703	CR 0603 0R 1%	ROHM 0603 jump	R237
98703	CR 0603 0R 1%	ROHM 0603 jump	R238
98703	CR 0603 0R 1%	ROHM 0603 jump	R239
98703	CR 0603 0R 1%	ROHM 0603 jump	R240
98703	CR 0603 0R 1%	ROHM 0603 jump	R241
98703	CR 0603 0R 1%	ROHM 0603 jump	R242
98703	CR 0603 0R 1%	ROHM 0603 jump	R243
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R244
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R245
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R246
98703	CR 0603 0R 1%	ROHM 0603 jump	R247
OMIT	Utgår		R248
98703	CR 0603 0R 1%	ROHM 0603 jump	R249
OMIT	Utgår		R250
98703	CR 0603 0R 1%	ROHM 0603 jump	R251

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
98703	CR 0603 0R 1%	ROHM 0603 jump	R252
98703	CR 0603 0R 1%	ROHM 0603 jump	R253
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R254
98703	CR 0603 0R 1%	ROHM 0603 jump	R255
98703	CR 0603 0R 1%	ROHM 0603 jump	R256
98703	CR 0603 0R 1%	ROHM 0603 jump	R257
98351	CR 0603 1R0 5%	ROHM MCR03 EZH J-1R0	R258
98703	CR 0603 0R 1%	ROHM 0603 jump	R259
98703	CR 0603 0R 1%	ROHM 0603 jump	R260
98703	CR 0603 0R 1%	ROHM 0603 jump	R261
98431	CR 0603 2k2 1%	ROHM MCR03 EZP FX-2201	R268
98703	CR 0603 0R 1%	ROHM 0603 jump	R269
98375	CR 0603 10R 5%	ROHM MCR03 EZH J-10R	R270
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R271
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R272
98703	CR 0603 0R 1%	ROHM 0603 jump	R273
98703	CR 0603 0R 1%	ROHM 0603 jump	R274
98703	CR 0603 0R 1%	ROHM 0603 jump	R275
98424	CR 0603 1k1 1%	ROHM MCR03 EZP FX-1101	R276
OMIT	Utgår		R277
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R278
98470	CR 0603 100k 1%	ROHM MCR03 EZP FX-1003	R279
98703	CR 0603 0R 1%	ROHM 0603 jump	R280
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R281
98458	CR 0603 30K 1%	ROHM MCR03 EZP FX-3002	R282
98703	CR 0603 0R 1%	ROHM 0603 jump	R283
98703	CR 0603 0R 1%	ROHM 0603 jump	R284
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R285
98703	CR 0603 0R 1%	ROHM 0603 jump	R286
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R287
80348	PRC201-1218 2k2/1W	PHILIPS 2322 735 64222	R288
98404	CR 0603 300R 1%	ROHM MCR03 EZP FX-3000	R289
80348	PRC201-1218 2k2/1W	PHILIPS 2322 735 64222	R290
98404	CR 0603 300R 1%	ROHM MCR03 EZP FX-3000	R291
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R292
98404	CR 0603 300R 1%	ROHM MCR03 EZP FX-3000	R293
98404	CR 0603 300R 1%	ROHM MCR03 EZP FX-3000	R294
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R295
99846	PTC 1500 ohm Umax=265V (ac or dc)	BC Components 2381 660 11293	R296
99844	PTC 120 ohm Umax=265V (ac or dc)	BC Components 2381 660 56393	R297
98413	CR 0603 390R 1%	ROHM MCR03 EZP FX-3900	R298
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R299
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R300
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R301
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R302

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R303
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R304
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R305
98415	CR 0603 470R 1%	ROHM MCR03 EZP FX-4700	R306
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R307
98703	CR 0603 0R 1%	ROHM 0603 jump	R308
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R309
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R310
98391	CR 0603 47R 5%	ROHM MCR03 EZH J-47R	R311
98420	CR 0603 750R 1%	ROHM MCR03 EZP FX-7500	R312
98395	CR 0603 68R 5%	ROHM MCR03 EZH J-68R	R313
98395	CR 0603 68R 5%	ROHM MCR03 EZH J-68R	R314
98420	CR 0603 750R 1%	ROHM MCR03 EZP FX-7500	R315
98391	CR 0603 47R 5%	ROHM MCR03 EZH J-47R	R316
98391	CR 0603 47R 5%	ROHM MCR03 EZH J-47R	R317
98420	CR 0603 750R 1%	ROHM MCR03 EZP FX-7500	R318
98420	CR 0603 750R 1%	ROHM MCR03 EZP FX-7500	R319
98395	CR 0603 68R 5%	ROHM MCR03 EZH J-68R	R320
98395	CR 0603 68R 5%	ROHM MCR03 EZH J-68R	R321
98703	CR 0603 0R 1%	ROHM 0603 jump	R322
98391	CR 0603 47R 5%	ROHM MCR03 EZH J-47R	R323
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R324
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R325
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R326
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R327
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R328
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R329
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R330
98417	CR 0603 560R 1%	ROHM MCR03 EZP FX-5600	R331
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R332
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R333
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R334
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R335
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R336
98810	CR 0603 68k 1%	ROHM MCR03 EZP FX-6802	R337
98810	CR 0603 68k 1%	ROHM MCR03 EZP FX-6802	R338
98810	CR 0603 68k 1%	ROHM MCR03 EZP FX-6802	R339
98810	CR 0603 68k 1%	ROHM MCR03 EZP FX-6802	R340
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R341
98411	CR 0603 330R 1%	ROHM MCR03 EZP FX-3300	R342
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R343
OMIT	Utgår		R344
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R345
98391	CR 0603 47R 5%	ROHM MCR03 EZH J-47R	R346
98391	CR 0603 47R 5%	ROHM MCR03 EZH J-47R	R347

Item	84006R0917 VDL TX Main Board	Production	
Version			
Item	Name / Description	Makes no. / Additional name	Sub pos.
97252	RC-02 1K	PHILIPS 2322 723 61002	R348
98447	CR 0603 10k 1%	ROHM MCR03 EZP FX-1002	R349
OMIT	Utgår		R350
98432	CR 0603 2k4 1%	ROHM MCR03 EZP FX-2401	R351
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R352
98431	CR 0603 2k2 1%	ROHM MCR03 EZP FX-2201	R353
98497	CR 0603 2M2 5%	ROHM MCR03 EZH J-2204	R354
98463	CR 0603 47k 1%	ROHM MCR03 EZP FX-4702	R355
OMIT	Utgår		R356
OMIT	Utgår		R357
OMIT	Utgår		R358
98425	CR 0603 1k2 1%	ROHM MCR03 EZP FX-1201	R359
98703	CR 0603 0R 1%	ROHM 0603 jump	R360
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R361
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R362
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R363
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R364
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R365
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R366
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R367
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R368
98423	CR 0603 1k0 1%	ROHM MCR03 EZP FX-1001	R369
OMIT	Utgår		R370
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R371
98383	CR 0603 22R 5%	ROHM MCR03 EZH J-22R	R372
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R373
84020	CRA04S - 22R resistor array	Vishay Siliconix CRA04S-08-03-22R0-J-TD	R374
98469	CR 0603 91k 1%	ROHM MCR03 EZP FX-9102	R375
82525	LBA110	Clare LBA110PTR	RL001
82525	LBA110	Clare LBA110PTR	RL002
82525	LBA110	Clare LBA110PTR	RL003
82525	LBA110	Clare LBA110PTR	RL004
OMIT	Utgår		SW001
99553	Push switch, smd	Tokai Trading PT-007-C12B-T	SW005
95332	Line Transformer	BOURNS LM-NP-304-3	TR001
95332	Line Transformer	BOURNS LM-NP-304-3	TR002
82358	VCTCXO 12.8 MHz, 1.0ppm (-30-85) , SMD	Taitien Electronics Co.Ltd TCEABDS-NF-12.800000MHz	X001
82520	VCTCXO 24.576 MHz, 1.0ppm (-30-85) , SMD	Taitien Electronics Co.Ltd TCEBCDS-NF-24.576	X002

# Jotron AS

## Bill Of Material

Date 15.03.2010

**Item**                      **84001**                      **VDL TX Front Board R0917**                      **Production**  
**Version**                      **CN06007**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C001
93221	Chip cap 47nF 50V 10%	MURATA GRM216R71H473KA01D	C002
95790	Chip cap 220nF 25v 0805 (Y5V)	MURATA GRM216F51H224ZA01D	C003
95790	Chip cap 220nF 25v 0805 (Y5V)	MURATA GRM216F51H224ZA01D	C004
95790	Chip cap 220nF 25v 0805 (Y5V)	MURATA GRM216F51H224ZA01D	C005
95790	Chip cap 220nF 25v 0805 (Y5V)	MURATA GRM216F51H224ZA01D	C006
95790	Chip cap 220nF 25v 0805 (Y5V)	MURATA GRM216F51H224ZA01D	C007
98310	Chip cap 10n 50V - 0603 (X7R)	MURATA GRM188R71H103KA01D	C010
93714	Chip tantal 2u2-C/35V	ELNA SK-1V-225-M-RC	C011
99292	Chip cap 1u 10V - 0603 (Y5V)	MURATA GRM188F51A105ZA01D	C012
99028	Chip tantal 4u7 10V LTA-A	AVX TAJA475M010R	C013
80031	LED SMD Bicolor red/green, HSMF-C155	HP HSMF-C155	D001
80031	LED SMD Bicolor red/green, HSMF-C155	HP HSMF-C155	D002
80031	LED SMD Bicolor red/green, HSMF-C155	HP HSMF-C155	D003
80031	LED SMD Bicolor red/green, HSMF-C155	HP HSMF-C155	D004
80031	LED SMD Bicolor red/green, HSMF-C155	HP HSMF-C155	D005
80031	LED SMD Bicolor red/green, HSMF-C155	HP HSMF-C155	D006
94435	Diode BAT 17 SOT-23	PHILIPS BAT17,215	D007
82545	Port Expander	Maxim MAX6957AAI+	IC001
82546	NC7SZ125 TinyLogic single buffer SOT23-5	Fairchild Semi NC7SZ125M5X_NL	IC002
84002R0917	PCB VDL TX Front		PCB
85224	Connector ZIF 0.5mm pitch 24lead	I-PEX 20397-024E	PL002
82500	Term.Strip, 2mm, 2*7pin	Samtec MTMM-107-11-S-D-400	PL003
OMIT	Utgår		R001
93294	CR 0805 39k 1%	ROHM MCR10 EZH F-3902	R002
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R003
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R004
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R005
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R006
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R007
95794	CR 0805 0R 5%	PHILIPS 2322 730 91002	R008
98493	CR 0603 1M0 1%	ROHM MCR03 EZP FX-1004	R009
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R023
OMIT	Utgår		R027
OMIT	Utgår		R028
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R031
99553	Push switch, smd	Tokai Trading PT-007-C12B-T	SW_CR0
99553	Push switch, smd	Tokai Trading PT-007-C12B-T	SW_DWN
99553	Push switch, smd	Tokai Trading PT-007-C12B-T	SW_ON0
99553	Push switch, smd	Tokai Trading PT-007-C12B-T	SW_PTT
99553	Push switch, smd	Tokai Trading PT-007-C12B-T	SW_UP0

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
13.05.2009	CN06007	HG	New R0917
02.04.2007	CN05453	HG	New Rev.

**Item**                      **82458**                      **VDL Regulator Board R0642**                      **Production**  
**Version**                      **CN06131**

Item	Name / Description	Makes no. / Additional name	Sub pos.
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C001
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C002
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C003
84069	220uF/50V 10x10 SMD	Nichicon UUD1H221MNL1GS	C004
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C005
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C006
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C007
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C008
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C009
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C010
84069	220uF/50V 10x10 SMD	Nichicon UUD1H221MNL1GS	C011
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C012
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C013
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C014
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C015
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C016
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C017
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C018
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C019
84069	220uF/50V 10x10 SMD	Nichicon UUD1H221MNL1GS	C020
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C021
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C022
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C023
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C024
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C025
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C026
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C027
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C028
82502	SMBJ5350B, 13V 5W zener	Microsemi SMBJ5350B	D001
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D002
93099	Dual diode BAV70	PHILIPS BAV70,215	D003
82726	5V transient voltage suppressor	Microsemi SMBJ2K5.0	D005
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D006
82725	3V3 transient voltage suppressor	Microsemi SMBJ2K3.3	D007
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D008
94705	Voltage Reg, Switch, ADJ, TO-263	National LM2676SX-ADJ	IC001
94705	Voltage Reg, Switch, ADJ, TO-263	National LM2676SX-ADJ	IC002
94442	Regulator ADJ. SO-8	National LM317LMX	IC003
81609	PIC12F675 Microcontroller	Microchip PIC12F675-I/SN	IC004
94705	Voltage Reg, Switch, ADJ, TO-263	National LM2676SX-ADJ	IC005
OMIT	Utgår		J001
94708	Inductor, power, 47u/1.6A, SMD	PULSE P0751.473T	L001
82673	Inductor power 47uH/1A SMD Shielded	COILCRAFT DT3316P-473MLD	L002
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L003
82673	Inductor power 47uH/1A SMD Shielded	COILCRAFT DT3316P-473MLD	L004

**Item**                    **82458**                    **VDL Regulator Board R0642**                    **Production**  
**Version**                    **CN06131**

<b>Item</b>	<b>Name / Description</b>	<b>Makes no. / Additional name</b>	<b>Sub pos.</b>
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L005
82673	Inductor power 47uH/1A SMD Shielded	COILCRAFT DT3316P-473MLD	L006
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L007
82459R0642	PCB VDL Regulator Board		PCB
82501	SOCKET, 90°,2mm, 2x7, female, h=mm	Samtec SQT-107-01-L-D-RA	PL001
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q001
93328	CR 0805 1M 1%	ROHM MCR10 EZH F-1004	R001
93288	CR 0805 22k 1%	ROHM MCR10 EZH F-2202	R002
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R003
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R004
OMIT	Utgår		R005
93277	CR 0805 7k5 1%	ROHM MCR10 EZH F-7501	R006
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R007
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R008
93244	CR 0805 330R 1%	ROHM MCR10 EZH F-3300	R009
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R010
93298	CR 0805 56k 1%	ROHM MCR10 EZH F-5602	R011
93250	CR 0805 560R 1%	ROHM MCR10 EZH F-5600	R012
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R013
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R014
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R015
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R016
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R017
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R018
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R019
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R020
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R021
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R022
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R023
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R024
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R025

<b>Revision date</b>	<b>Revision</b>	<b>Requested by</b>	<b>Reference</b>
08.02.2010	CN06131	BA	Pos. R011
10.05.2007	CN05482	BA	Pos. C004, C011, C020
06.11.2006	CN05340	BA	New PCB



Item	82411	VDL Power Board R0934	Production
Version	CN06132		
Item	Name / Description	Makes no. / Additional name	Sub pos.
95968	SCREEN WALL	Imek IM 1764	BOX
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C001
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C002
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C003
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C004
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C005
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C006
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C007
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C008
84069	220uF/50V 10x10 SMD	Nichicon UUD1H221MNL1GS	C009
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C010
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C011
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C012
98735	47uF/50V SMD	NIPPON CHEMI-CON MVK-50-VC-47-M-H10-TP	C013
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C014
84069	220uF/50V 10x10 SMD	Nichicon UUD1H221MNL1GS	C015
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C016
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C017
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C018
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C019
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C020
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C021
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C022
93213	Chip cap 10nF 50V X7R 10% - 0805	MURATA GRM216R71H103KA01D	C023
84069	220uF/50V 10x10 SMD	Nichicon UUD1H221MNL1GS	C024
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C025
99123	CAP.EI 330uF/25V 10X10 SMD	ELNA RVH25V331MVH-10-R	C026
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C027
92348	Chip cap 100p 50V NP0 5% - 0805	MURATA GRM2165C1H101JA01D	C028
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C029
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C030
99129	2200pF/250VAC Paper, Y2 Filter cap.	WIMA MP3Y2220020250	C031
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C032
99128	47nF/275VAC Paper, X2 Filter cap.	WIMA MP3X20.04720275	C033
93201	Chip cap 1nF 50V X7R 10% - 0805	MURATA GRM216R71H102JA01D	C034
99129	2200pF/250VAC Paper, Y2 Filter cap.	WIMA MP3Y2220020250	C035
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C036
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C037
93225	Chip cap 100nF 50V X7R 10% - 0805	MURATA GRM21BR71H104KA01L	C038
99133	SKJERMBOKS, LOKK	RA 7202 Power Board	COVER
82502	SMBJ5350B, 13V 5W zener	Microsemi SMBJ5350B	D001
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D002
94436	Rectifier diode S1M DO214	Taiwan semiconductor S1M R2	D003
94436	Rectifier diode S1M DO214	Taiwan semiconductor S1M R2	D004
82726	5V transient voltage suppressor	Microsemi SMBJ2K5.0	D005

Item	82411	VDL Power Board R0934	Production
Version	CN06132		
Item	Name / Description	Makes no. / Additional name	Sub pos.
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D006
82725	3V3 transient voltage suppressor	Microsemi SMBJ2K3.3	D007
94704	Diode DE ,Schottky, smd, 3A ,MBRS340T3	Motorola MBRS340T3	D008
90393	Fuse 1A 5X20	PUSCHEL 522 500 1AT	F001
93949	Fuse holder 20X25	Stelvio PTF/15	F001A
93663	Multifuse 0,65A	BOURNS MF-R065	F002
93950	Cover for fuse holder	Stelvio BS/140	F003
99126	Drossel Current Compensated, 1.8mH/2A	SCHAFFNER RN112-2/02	FI001
94705	Voltage Reg, Switch, ADJ, TO-263	National LM2676SX-ADJ	IC001
82655	Current sense, LTC6101	Linear LTC6101BCS5	IC002
94705	Voltage Reg, Switch, ADJ, TO-263	National LM2676SX-ADJ	IC003
94442	Regulator ADJ. SO-8	National LM317LMX	IC004
81609	PIC12F675 Microcontroller	Microchip PIC12F675-I/SN	IC005
94705	Voltage Reg, Switch, ADJ, TO-263	National LM2676SX-ADJ	IC006
97707	TEMP. SENSOR	National LM50BIM3	IC007
80033	Op.Amp, Dual, L-volt, RR-o,MSOP8	National LMV358MM	IC008
OMIT	Utgår		J001
82673	Inductor power 47uH/1A SMD Shielded	COILCRAFT DT3316P-473MLD	L001
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L002
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L003
82673	Inductor power 47uH/1A SMD Shielded	COILCRAFT DT3316P-473MLD	L004
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L005
82673	Inductor power 47uH/1A SMD Shielded	COILCRAFT DT3316P-473MLD	L006
99124	Inductor power 100uH/1.2A SMD	PULSE P0752.104T	L007
82412R0934	PCB VDL Power Board		PCB
97437	16 Pin straight Header	R&N IDH 16LP-S3-TR	PL001
94446	Transistor P-channel MFET, RFD15P05SM	Fairchild Semi FQD17P06TM	Q001
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q002
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q003
94443	Transistor BC 817 SOT-23	PHILIPS BC817,215	Q004
OMIT	Utgår		R001
93288	CR 0805 22k 1%	ROHM MCR10 EZH F-2202	R002
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R003
99087	PRC201-1218 1R0/1W	Yageo RC1218JK -071R0L	R004
99087	PRC201-1218 1R0/1W	Yageo RC1218JK -071R0L	R005
93304	CR 0805 100k 1%	ROHM MCR10 EZH F-1003	R006
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R007
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R008
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R009
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R010
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R011
OMIT	Utgår		R012
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R013
93277	CR 0805 7k5 1%	ROHM MCR10 EZH F-7501	R014
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R015

Item	82411	VDL Power Board R0934	Production
Version	CN06132		
Item	Name / Description	Makes no. / Additional name	Sub pos.
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R016
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R017
93244	CR 0805 330R 1%	ROHM MCR10 EZH F-3300	R018
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R019
93298	CR 0805 56k 1%	ROHM MCR10 EZH F-5602	R020
93250	CR 0805 560R 1%	ROHM MCR10 EZH F-5600	R021
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R022
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R023
93265	CR 0805 2k4 1%	ROHM MCR10 EZH F-2401	R024
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R025
93292	CR 0805 33k 1%	Yageo RC0805FR-0733K	R026
93268	CR 0805 3k3 1%	ROHM MCR10 EZH F-3301	R027
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R028
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R029
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R030
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R031
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R032
93287	CR 0805 20k 1%	ROHM MCR10 EZH F-2002	R033
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R034
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R035
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R036
93232	CR 0805 100R 1%	ROHM MCR10 EZH F-1000	R037
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R038
OMIT	Utgår		R039
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R040
93268	CR 0805 3k3 1%	ROHM MCR10 EZH F-3301	R041
93280	CR 0805 10k 1%	ROHM MCR10 EZH F-1002	R042
93272	CR 0805 4k7 1%	ROHM MCR10 EZH F-4701	R043
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R044
93256	CR 0805 1k0 1%	ROHM MCR10 EZH F-1001	R045
93344	CR 0805 10R 5%	ROHM MCR10 EZH J-100	R046
82070	AC-DC Converter 10W( 85-265V)/24V	ELFA 69-652-22	U001
99179	Varistor 25Vrms	SIEMENS B72214S250K101	VAR001
99178	Varistor 250Vrms	Epcos B72214S251K101S14K250	VAR002

Revision date	Revision	Requested by	Reference
08.02.2010	CN06132	BA	Pos. R020
24.08.2009	CN06049	BA	New PCB R0934
10.03.2008	CN05654	BA	Pos. L1, L4, L6
09.05.2007	CN05483	BA	Pos. C009, C015, C024
26.03.2007	CN05443	BA	New PCB
20.02.2007	CN05420	BA	Pos. F1
13.12.2006	CN05367	BA	Pos. R39

# Jotron AS

## Bill Of Material

Date 20.05.2010

Item 84558 TX Main Module TA-7650C Production  
Version

Item	Name / Description	Makes no. / Additional name	Sub pos.
84006	VDL TX Main Board		001
84557	Modulator Module TA-7650C	VDL	002
82479	Nutpiece Rev.B		003
98245	SCREW M3x6 PANH.	M3x6 DIN 7985MRX-SR-A4-POZ	004
96993	Washer, Star, M2,5	M2,5 DIN 6798A A4	005
95967	SCREW M2,5x6 PANH.	M2,5x6 DIN 7985 A2	006
96699	Washer ,Star, 3mm	M3 DIN 6798A A4	007
82523	RJ45 Single PCB mount	Tyco 5406299-1	JP008
99230	Switch with pushbutton.	ALPS RK09710ELC07	SW001