

MODEL STRATUS ELECTRONIC COMPONENT LIST

Schem. Ref.	Circuit	Type	Part Code
	PITCH CONTROL BOARD (DWG2)		
P-854/2	Complete with Components		978002540
	OSCILLATOR 1- OSCILLATOR 2 (DWG2)		
P-857/2	Complete with Components		978002534
IC1	Dual operational amplifier	1458	68000053
IC2-IC3	Master oscillator	74LS221	68000058
IC4	Hex inverter open collector	74LS05	68000116
IC5-IC9	Quad 2-input Nand Gates LS-TTL	74LS00	68000117
IC10-IC11	T.O.S.	MK50240	68000009
IC12	4-Bit binary counter LS-UL	74LS93	68020127
TR1-TR2	Power transistor NPN	BC286	62110002
TR3-TR9	Transistor NPN	BC173C	62120003
DZ1	Diode Zener	ZPY5.6V	67000017
RT1	Voltage regulator	7805	62110023
	KEYSWITCHES BOARD (DWG3)		
P-558	Complete with Components		978002484
	SOUND MOTHER BOARD (DWG3)		
P-839/2 (A)	Complete with Components		978002538
D1+D55	Diodes	BA130	65000001

SOUND MOTHER BOARD (DWG3)

P-839/2 (B)-(C) Complete with Components 978002537

D1 - D50 Diodes BA130 65000001

TDA 1008 MODULES (DWG3)

P-840 Complete with Components 978002433

IC1 Frequency divider TDA1008 68000104

SWITCHES BOARD (DWG4)

P-850/2 Complete with Components 978002539

IC1 Quad 2-Input Nand Gates CMOS 4011 68000034

IC2-IC4 Hex Non-inverting buffer CMOS 4050 68000085

IC5 Dual D Flip-flop CMOS 4013 68010136

IC6-IC8 Quad bilateral switch 4016 6800-072

TR1-TR8 Transistor NPN BC173C 62120003

D1-D14 Diodes BA130 65000001

ZD1 Diode Zener ZPY2.1V 67000022

ORGAN BOARD (DWG5)

P-853/2 Complete with Components 978002516

IC1 Operational transconductance amplifier 3080 68000066

IC2 Operational amplifier 741 68000059

IC3 Dual Operational Amplifier 1458 68000054

IC4 Operational amplifier 741 68000059

TR1 Transistor NPN BC173C 62120003

TR2 Transistor PNP BC308 62210001

DI Diode BAI30 65000001

LFO BOARD (DWG5)

P-874/2	Complete with Components		978002535
IC1-IC2	Dual operational amplifier	1458	68000053
IC3	Timer	555	68030137
IC4	Operational amplifier	741	68000059
IC5	Operational transconductance amplifier	3080	68000066
TR1	Transistor PNP	BC204	62210001
TR2	Fet	BF245B	62120002
TR3-TR5	Transistor NPN	BC173C	62120003
D1-D2	Diodes	BA130	65000001

OSCILLATOR GLIDE BOARD (DWG5)

P-875	Complete with Components		978002479
IC1	Operational amplifier	741	68000059
IC2	Envelope generator	SSM2055	68030138

VCF-VCA-ADSR (DWG6)

P-855	Complete with Components		978002454
IC1	Dual voltage controlled amplifier	CEM3330	68030144
IC2	Voltage controlled filter	CEM3320	68030143
IC3	Dual operational amplifier	1458	68000054
IC4	Voltage controlled envelope generator	CEM3310	68030142
D1-D5	Diodes	BA130	65000001

FILTER MOTHER BOARD (DWG6)

P-876/2	Complete with Components		978002541
IC1-IC4	Dual operational amplifier	1458	68000053
IC5	Operational amplifier	741	68000059
IC6	Voltage controlled amplifier	SSM2020	68030139
TR1	Transistor NPN	BC173C	62120003

POWER SUPPLY (DWG7)

P-852	Complete with Components		978002451
RT1	Voltage Regulator	7815	62110020
RT2	Voltage Regulator	7812	62110027
RT3	Voltage Regulator	7915	62110022
RT4	Voltage Regulator	7912	62110037
PD1	Rectifier Bridge	KBL04	66000006
PD2	Rectifier Bridge	KBL04	66000006
DZ1	Diode Zener	ZPY6,2V	67000023
DZ2	Diode Zener	ZPY9,1V	67000013
T60	Transformer CSA Version		18010094
T60EN	Transformer SEMKO Version		18010093

Calibration CRUMAR STRATUS synthesizer

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board trimmer function

P-857/2	1	Osc 2 tuning
P-857/2	2	Osc 2 glide depth
P-857/2	3	Osc 2 pitchbender depth
P-857/2	4	Osc 1 tuning
P-857/2	5	Osc 1 pitchbender depth
P-857/2	6	Osc 1 FM depth
P-857/2	7	Osc 1 glide depth

P-853/2 1 Organ level

LFOpanel 1 LFO offset

P-876/2	1	?pedal something?
P-876/2	2	Maximum attack time
P-876/2	3	Maximum decay time
P-876/2	4	Maximum release time
P-876/2	5	VCA modulation depth

Voice boards (6x) from left to right (seen from keyboard side/above):

3	4	2	1
volume	filter cutoff	resonance	adsr time
	frequency		constant