

PARTS LIST — F307 MK.2 (Serial No. A2000 onwards)

<i>Circuit Reference</i>	100	PRE-AMPLIFIER BOARD	ASSEMBLY 025-131	<i>Part Number</i>
		Resistors		
R100	100 Ω	$\frac{1}{2}$ W	20%	625-14-100K
R101	47K Ω	$\frac{1}{2}$ W	5% Low noise	624-001
R102	2.2M Ω	$\frac{1}{2}$ W	20%	625-14-2M2
R103	10K Ω	$\frac{1}{2}$ W	10%	625-13-10K
R104	470K Ω	$\frac{1}{2}$ W	10%	625-13-470K
R105	68 Ω	$\frac{1}{2}$ W	5%	625-12-68
R106	470 Ω	$\frac{1}{2}$ W	10%	625-13-470
R107	1.8K Ω	$\frac{1}{2}$ W	5%	625-12-1K8
R108	39K Ω	$\frac{1}{2}$ W	5%	625-12-39K
R109	39K Ω	$\frac{1}{2}$ W	10%	625-13-39K
R110	10K Ω	$\frac{1}{2}$ W	20%	625-14-10K
R111	100K Ω	$\frac{1}{2}$ W	10%	625-13-100K
R112	2.2M Ω	$\frac{1}{2}$ W	20%	625-14-2M2
R113	3.3K Ω	$\frac{1}{2}$ W	5%	625-12-3K3
R114	2.2K Ω	$\frac{1}{2}$ W	5%	625-12-2K2
R115	82K Ω	$\frac{1}{2}$ W	10%	625-13-82K
R116	8.2K Ω	$\frac{1}{2}$ W	10%	625-13-8K2
R117	220K Ω	$\frac{1}{2}$ W	20%	625-14-220K
R118	100K Ω	$\frac{1}{2}$ W	20%	625-14-100K
R119	47K Ω	$\frac{1}{2}$ W	5% Low noise	624-001
R120	2.2M Ω	$\frac{1}{2}$ W	20%	625-14-2M2
R121	10K Ω	$\frac{1}{2}$ W	10%	625-13-10K
R122	470K Ω	$\frac{1}{2}$ W	10%	625-13-470K
R123	68 Ω	$\frac{1}{2}$ W	5%	625-12-68
R124	470 Ω	$\frac{1}{2}$ W	10%	625-13-470
R125	1.8K Ω	$\frac{1}{2}$ W	5%	625-12-1K8
R126	39K Ω	$\frac{1}{2}$ W	5%	625-12-39K
R127	39K Ω	$\frac{1}{2}$ W	10%	625-13-39K
R128	10K Ω	$\frac{1}{2}$ W	20%	625-14-10K
R129	100K Ω	$\frac{1}{2}$ W	10%	625-13-100K
R130	2.2M Ω	$\frac{1}{2}$ W	20%	625-14-2M2
R131	3.3K Ω	$\frac{1}{2}$ W	5%	625-12-3K3
R132	2.2K Ω	$\frac{1}{2}$ W	5%	625-12-2K2
R133	82K Ω	$\frac{1}{2}$ W	10%	625-13-82K

<i>Circuit Reference</i>	200	MODE SWITCHING BOARD	ASSEMBLY 025-132	<i>Part Number</i>
		Resistors		
R200	27K Ω	$\frac{1}{2}$ W	10%	625-13-27K
R201	27K Ω	$\frac{1}{2}$ W	10%	625-13-27K
		Miscellaneous		
SW200	Mode Selector Switch (push button)			749-001

<i>Circuit Reference</i>	300	FILTER BOARD	ASSEMBLY 025-133	<i>Part Number</i>
		Capacitors		
C300	1,800pf	125V	10%	131-764
C301	.0047 μ F	250V	10%	131-510
C302	.0047 μ F	250V	10%	131-510
C303	.0068 μ F	250V	10%	131-504
C304	1,800pf	125V	10%	131-764
C305	.0047 μ F	250V	10%	131-510
C306	.0047 μ F	250V	10%	131-510
C307	.0068 μ F	250V	10%	131-504
		Miscellaneous		
SW300	Filter Switch (push button)			749-001

<i>Circuit Reference</i>	400	TONE & GAIN CONTROL BOARD	ASSEMBLY 025-134	<i>Part Number</i>
		Resistors		
R400	2.7K Ω	$\frac{1}{2}$ W	5%	625-12-2K7
R401	10K Ω	$\frac{1}{2}$ W	10%	625-13-10K
R402	470K Ω	$\frac{1}{2}$ W	20%	625-14-470K
R403	2.7K Ω	$\frac{1}{2}$ W	5%	625-12-2K7
R404	2.2K Ω	$\frac{1}{2}$ W	10%	625-13-2K2

Circuit Reference	TONE & GAIN CONTROL BOARD (continued)			Part Number
C415	100 μ F	40V	Electrolytic	130-001
C416	1 μ F	250V	10%	131-503
C417	25 μ F	25V	Electrolytic	130-016

Miscellaneous

VT400	Transistor BC154 (or BC214LB)	825-007
VT401	Transistor BC154	825-007
VT402	Transistor BC154 (or BC214LB)	825-007
VT403	Transistor BC154	825-007

Circuit Reference	500	POWER AMPLIFIER BOARD	ASSEMBLY 025-135	Part Number
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Resistors (R) and Potentiometers (RV)

R500	0.35 Ω	1W	Wire-wound	626-005
R501	0.35 Ω	1W	Wire-wound	626-005
R502	270 Ω	$\frac{1}{2}$ W	5%	625-12-270
R503	270 Ω	$\frac{1}{2}$ W	5%	625-12-270
R504	2.2 Ω	$\frac{1}{2}$ W	$\pm \frac{1}{2}$ Ω	625-14-2D2
R505	4.7K Ω	$\frac{1}{2}$ W	10%	625-13-4K7
R506	160 Ω	$\frac{1}{2}$ W	20%	624-008
R507	470 Ω	$\frac{1}{2}$ W	10%	625-13-470
R508	1K Ω	$\frac{1}{2}$ W	10%	625-13-1K
R509	39K Ω	$\frac{1}{2}$ W	5%	625-12-39K
R510	4.7K Ω	$\frac{1}{2}$ W	10%	625-13-4K7
R511	10K Ω	$\frac{1}{2}$ W	10%	625-13-10K
R512	10K Ω	$\frac{1}{2}$ W	10%	625-13-10K
R513	8.2K Ω	$\frac{1}{2}$ W	10%	625-13-8K2
R514	8.2K Ω	$\frac{1}{2}$ W	10%	625-13-8K2
R515	82K Ω	$\frac{1}{2}$ W	10%	625-13-82K
R516	22 Ω	$\frac{1}{2}$ W	5%	625-12-22
R517	100K Ω	$\frac{1}{2}$ W	10%	625-13-100K
RV518	500 Ω	Linear	(Type 44)	582-026
*RV518	500 Ω	Linear	(Type 16)	582-065
R519	22 Ω	$\frac{1}{2}$ W	10%	625-07-22

Circuit Reference	700	GENERAL	Part Number
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Resistors (R) and Potentiometers (RV)

R700	1K Ω	6W	Wire-wound	626-006
R701	220K Ω	$\frac{1}{2}$ W	5%	625-06-220K
R702	100K Ω	$\frac{1}{2}$ W	5%	625-06-100K
R703	330K Ω	$\frac{1}{2}$ W	5%	625-06-330K
R704	220K Ω	$\frac{1}{2}$ W	5%	625-06-220K
R705	100K Ω	$\frac{1}{2}$ W	5%	625-06-100K
R706	330K Ω	$\frac{1}{2}$ W	5%	625-06-330K
RV707	50K Ω	Linear (with RV712) "Treble"		582-014
RV708	50K Ω	Linear (with RV711) "Bass"		582-014
RV709	250K Ω	Log. (Type 44) "Tape input left"		582-016
*RV709	250K Ω	Log. (Type 16) "Tape input left"		582-066
RV710	100K Ω	Logarithmic (with RV714) "Volume"		582-013
RV711	50K Ω	Linear (with RV708) "Bass"		582-014
RV712	50K Ω	Linear (with RV707) "Treble"		582-014
RV713	250K Ω	Log. (Type 44) "Tape input right"		582-016
*RV713	250K Ω	Log. (Type 16) "Tape input right"		582-066
RV714	100K Ω	Logarithmic (with RV710) "Volume"		582-013
R715	0.35 Ω	$\pm .05$ Ω	Wire-wound	626-005
R716	0.35 Ω	$\pm .05$ Ω	Wire-wound	626-005
R717	100 Ω	$\frac{1}{2}$ W	10%	625-10-100
R718	100 Ω	$\frac{1}{2}$ W	10%	625-10-100

Capacitors

C700	800 μ F	40V	Electrolytic	130-009
C701	800 μ F	40V	Electrolytic	130-009
C702	1000 μ F	70V	Electrolytic	130-014
C703	1000 μ F	70V	Electrolytic	130-014
C704	.022 μ F	250V	10%	131-505
C705	.022 μ F	250V	10%	131-505
C706	1000pF	160V	10%	131-766
C707	1000pF	160V	10%	131-766

Miscellaneous

SW700	Mains Switch	750-004
SW701	Input Switch	750-005
SW702	Magnetic P.U. Switch	746-000

R127	33K Ω	$\frac{1}{4}$ W	10%	625-13-33K
R128	10K Ω	$\frac{1}{4}$ W	20%	625-14-10K
R129	100K Ω	$\frac{1}{4}$ W	10%	625-13-100K

R130	2.2M Ω	$\frac{1}{4}$ W	20%	625-14-2M2
R131	3.3K Ω	$\frac{1}{4}$ W	5%	625-12-3K3
R132	2.2K Ω	$\frac{1}{4}$ W	5%	625-12-2K2
R133	82K Ω	$\frac{1}{4}$ W	10%	625-13-82K
R134	8.2K Ω	$\frac{1}{4}$ W	10%	625-13-8K2

R135	220K Ω	$\frac{1}{4}$ W	20%	625-14-220K
R136	1K Ω	$\frac{1}{4}$ W	10%	625-13-1K
R137	1K Ω	$\frac{1}{4}$ W	10%	625-13-1K

Capacitors

C100	25 μ F	25V	Electrolytic	130-016
C101	0.22 μ F	250V	10%	131-508
C102	4.7 μ F	63V	Electrolytic	130-007
C103	0.47 μ F	250V	10%	131-506
C104	0.15 μ F	250V	10%	131-502

C105	0.22 μ F	250V	10%	131-508
C106	0.1 μ F	250V	20%	131-507
C107	100 μ F	40V	Electrolytic	130-001
C108	5 μ F	64V	Electrolytic	130-007
C109	25 μ F	25V	Electrolytic	130-016

C110	0.22 μ F	250V	10%	131-508
C111	4.7 μ F	63V	Electrolytic	130-007
C112	0.47 μ F	250V	10%	131-506
C113	0.15 μ F	250V	10%	131-502
C114	0.22 μ F	250V	10%	131-508

C115	0.1 μ F	250V	20%	131-507
C116	100 μ F	40V	Electrolytic	130-001
C117	5 μ F	64V	Electrolytic	130-007

C118	1000pF	30V	2 $\frac{1}{2}$ %	131-768
C119	1000pF	30V	2 $\frac{1}{2}$ %	131-768

Miscellaneous

VT100	Transistor BC154 (or BC214LB)	825-007
VT101	Transistor BC154 (or BC214LB)	825-007
VT102	F.E. Transistor 2N5461 (or BC219B)	825-017
VT103	Transistor BC154 (or BC214LB)	825-007
VT104	Transistor BC154 (or BC214LB)	825-007

VT105	F.E. Transistor 2N5461 (or BC219B)	825-017
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MR100	Diode BAX 16 (or OA 200)	290-001
MR101	Diode BAX 16 (or OA 200)	290-001

Resistors

R400	2.7K Ω	$\frac{1}{2}$ W	5%	625-12-2K7
R401	10K Ω	$\frac{1}{2}$ W	10%	625-13-10K
R402	470K Ω	$\frac{1}{2}$ W	20%	625-14-470K
R403	2.7K Ω	$\frac{1}{2}$ W	5%	625-12-2K7
R404	2.2K Ω	$\frac{1}{2}$ W	10%	625-13-2K2

R405	470K Ω	$\frac{1}{2}$ W	20%	625-14-470K
R406	27K Ω	$\frac{1}{2}$ W	20%	625-14-27K
R407	1K Ω	$\frac{1}{2}$ W	10%	625-13-1K
R408	100K Ω	$\frac{1}{2}$ W	10%	625-13-100K
R409	270K Ω	$\frac{1}{2}$ W	10%	625-13-270K

R410	1M Ω	$\frac{1}{2}$ W	10%	625-13-1M
R411	22K Ω	$\frac{1}{2}$ W	10%	625-13-22K
R412	2.7K Ω	$\frac{1}{2}$ W	5%	625-12-2K7
R413	10K Ω	$\frac{1}{2}$ W	10%	625-13-10K
R414	470K Ω	$\frac{1}{2}$ W	20%	625-14-470K

R415	2.7K Ω	$\frac{1}{2}$ W	5%	625-12-2K7
R416	2.2K Ω	$\frac{1}{2}$ W	10%	625-13-2K2
R417	470K Ω	$\frac{1}{2}$ W	20%	625-14-470K
R418	27K Ω	$\frac{1}{2}$ W	20%	625-14-27K
R419	1K Ω	$\frac{1}{2}$ W	10%	625-13-1K

R420	100K Ω	$\frac{1}{2}$ W	10%	625-13-100K
R421	270K Ω	$\frac{1}{2}$ W	10%	625-13-270K
R422	1M Ω	$\frac{1}{2}$ W	10%	625-13-1M
R423	22K Ω	$\frac{1}{2}$ W	10%	625-13-22K

Capacitors

C400	0.15 μ F	250V	10%	131-502
C401	0.15 μ F	250V	10%	131-502
C402	160 μ F	25V	Electrolytic	130-011
C403	0.068 μ F	250V	10%	131-504
C404	4.7 μ F	63V	Electrolytic	130-007

C405	0.1 μ F	250V	20%	131-507
C406	100 μ F	40V	Electrolytic	130-001
C407	1 μ F	250V	10%	131-503
C408	25 μ F	25V	Electrolytic	130-016
C409	0.15 μ F	250V	10%	131-502

C410	0.15 μ F	250V	10%	131-502
C411	160 μ F	25V	Electrolytic	130-011
C412	0.068 μ F	250V	10%	131-504
C413	4.7 μ F	63V	Electrolytic	130-007
C414	0.1 μ F	250V	20%	131-507

Circuit Reference	Value	Power	Tolerance	Part Number
R515	82K Ω	$\frac{1}{2}$ W	10%	625-13-82K
R516	22 Ω	$\frac{1}{2}$ W	5%	625-12-22
R517	100K Ω	$\frac{1}{2}$ W	10%	625-13-100K
RV518	500 Ω	Linear	(Type 44)	582-026
*RV518	500 Ω	Linear	(Type 16)	582-065
R519	22 Ω	$\frac{1}{2}$ W	10%	625-07-22

Capacitors

C500	250 μ F	40V	Electrolytic	130-003
C501	125 μ F	16V	Electrolytic	130-002
C502	32 μ F	40V	Electrolytic	130-013
C503	100 μ F	40V	Electrolytic	130-001
C504	350pf	160V	10%	131-763
C505	125 μ F	16V	Electrolytic	130-002
C506	125 μ F	16V	Electrolytic	130-002

Miscellaneous

VT500	Transistor 16020			825-019
VT501	Transistor 40360			825-000
VT502	Transistor 16020			825-001
VT503	Transistor 40362			825-001
VT504	Transistor 40360			825-000
VT505	Transistor BC183LB (or BC108, 40233)			825-015
MR500	Diode 1N3754			290-000
MR501	Diode 1N3754			290-000

*Approximately Serial No. 9100 onwards

Circuit Reference	600	POWER SUPPLY BOARD	ASSEMBLY 025-136	Part Number
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Resistors

R600	2.2K Ω	$\frac{1}{2}$ W	10%	625-13-2K2
R601	2.2K Ω	$\frac{1}{2}$ W	10%	625-13-2K2
R602	56 Ω	3W	10%	626-015
R603	10 Ω	$\frac{1}{2}$ W	20%	625-14-10
R604	10 Ω	$\frac{1}{2}$ W	20%	625-14-10
R605	56 Ω	3W	10%	626-015

Capacitors

C600	250 μ F	64V	Electrolytic	130-010
C601	250 μ F	64V	Electrolytic	130-010
C602	250 μ F	64V	Electrolytic	130-010

C705	1000pF	250V	10%	131-766
C706	1000pF	160V	10%	131-766
C707	1000pF	160V	10%	131-766

Miscellaneous

SW700	Mains Switch			750-004
SW701	Input Switch			750-005
SW702	Magnetic P.U. Switch			746-000
SW703	Output Switch			746-003
SW704	Speaker Switch			746-003
L700	Inductor (Type 727)			022-073
L701	Inductor (Type 727)			022-073
TR700	Mains Transformer (T1703)			022-105
MR700	Bridge Rectifier WO2 (or WO4, OSH01-200)			600-002
MR701	Bridge Rectifier WO2 (or WO4, OSH01-200)			600-002
JK700	Jack Socket, 3 way (Gauge A)			692-010
P700	Plug, 3 way (Mains input)			577-000
SK700	Socket, 2 x 2 way (Mains outlets)			692-005
SK701	D.I.N. Socket, 2 way (Left Speaker)			692-009
SK702	D.I.N. Socket, 2 way (Right Speaker)			692-009
SK703	Phono Sockets (Yellow) "Left"			692-007
SK704	Phono Sockets (Blue) "Right"			692-006
SK705	Phono Sockets (Yellow-Blue) "Tape"			692-008
VS700	Voltage Selector			920-001
LP700	Lamp, LES 14V			455-002
FS700	Mains Fuse (1.5 Amp - 20 mm. x 5 mm. dia.)			380-004
FS701	D.C. Fuse (1 Amp - 20 mm. x 5 mm. dia.)			380-000
FS702	D.C. Fuse (1 Amp - 20 mm. x 5 mm. dia.)			380-000
	Mains Fuse Holder			380-005
	D.C. Fuse Holder			380-001

Circuit Reference	ACCESSORIES	Part Number
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The following accessories are available for use with the F307 amplifier.		
	Phono Plug (Blue)	577-004
	Phono Plug (Yellow)	577-005
	D.I.N. Plug (Speaker)	577-003
	Jack Plug, Gauge A (Phones)	577-011
	Mains Outlet Plug (2 pin)	577-012
	Mains Input Socket (3 pin)	692-000
	Fuse (1A Amp., 20 mm. x 5 mm. dia.)	380-000
	Fuse (1.5 Amp., 20 mm. x 5 mm. dia.)	380-004
	Lamp Bulb LES 14V	455-002

*Approximately Serial No. 9100 onwards