

9087 Supplement Schematics for LF and Reference Generator and Comb Loop

19-1226, 19-1234, 19-1047, 19-1150

Courtesy of:-

tmichaels@towers-sites.com

and

Racal_Dana user group



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REFERENCE SHTS 2,6	REFERENCE SHTS 3.7	REFERENCE SHTS 4,8	REFERENCE SHTS 5.9	PART Nº.	TYP TYPE Nº
HEFENENCE SHIDE, 6	07.8	DI4.27.38.49.56	D70.72	22-1029	IN 4149
	01.0	D22,33,44,55,61	D74,81	22-1045	HPO180
	09	DI3, 26, 37, 48	D64,68	22-1052	ZC 826
	03	DIO-12,15,17,18,23-25,28,30 31,34-36,39,41,42,45-47, 50,52,53,58,59	D62, 63, 65 - 67, 69, 71, 73, 76, 77, 83, 84, 88, 85	22 - 1066	ZC2811
		DI6,19-21, 29,32,40,43,51	D75,78,79,80, 82,85,86, 87	22 -1110	BB 405B
	10.55			22-4222	MA 7805 C
	IC9-14				TLO 81
IC8 IC3-7				22- 4240	TLO 84
103-7	ICSO			28-4247	78105
TCP				22- 4250	ZN 4588
IC2 IC1				22- 4290	NE 5532 74 500
	1023			22- 4505	74574
	IC25 IC19, 21,26	IC29,33,37,41,43,44	IC 49,51	22 - 4531	74L500
	1019, 21,26	IC30,34,38,42	IC 50, 52	22 - 4534	74L574
	1000 24	IC28,31,35,39,45	IC 47, 48	22 - 4536	741590
	IC20,24	IC27, 32,36, 40,46	IC 53,54	22 - 4670	SP8685B
	1000	1627, 32,36, 40,46	10 33, 34	22 - 4679	545196
	1022			22 - 4735	HBF4027B
	ICIS		-	22 - 4748	HEF4017B
	ICIG, IB			22 - 4751	HEF45IBB
	1017	Q404157,58,73,74,89,90	Q126,127,134,135	22 - 6007	2N3904
	Q26 Q25,27	039,56,72,88	Q125,133	22 - 6008	2N3906
	09	044 -47, 61-63, 77-79, 93-95, 97-99	Q139 - 146	22 - 6039	BFY 90
Q1 4 7	03-7.10-17.23.24	031-34,42,43,48-51,59,60,64- 67,75,76,80-83,91,92,96	Q102-110, 113-122, 128-130, 136-138	22 - 6079	ZTX3I3
	Q18,19			22 - 6088	2N5109
		Q35,36,52,53,68,69, 84, 85	Q100,101,111,112	22 - 6102	1300D
	021,148	037.54.70.86	Q123,131,151,152	22 - 6112	ZTX 450
	d8.20.149			22 - 6113	ZTX 550
	01,2,22,28	QI50	the strength of the	22 - 6122	ZTX 109
	G1, C, CL, CO	Q38,55,71,87	0124,132	22 - 6133	MPS AI2
	029,30	444,00,11,01		22 - 6147	BFR 96

Srd ANGLE PROJECTION

6

COMPONENT REFERENCE SI	HTS 2,6	
R -17,30-42,116,669,670 C -16	PL41,42 Sk 47	
ICI-8 TPI-16		

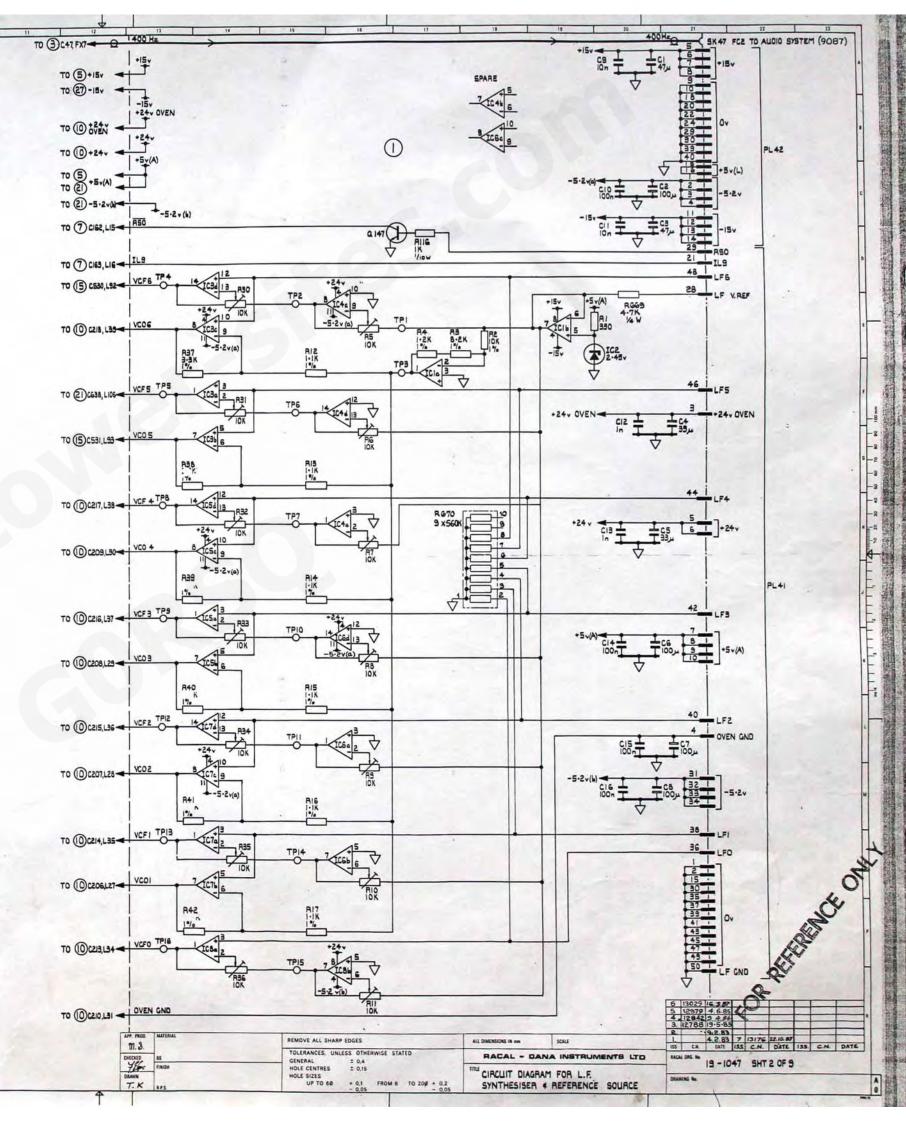
9087 3101

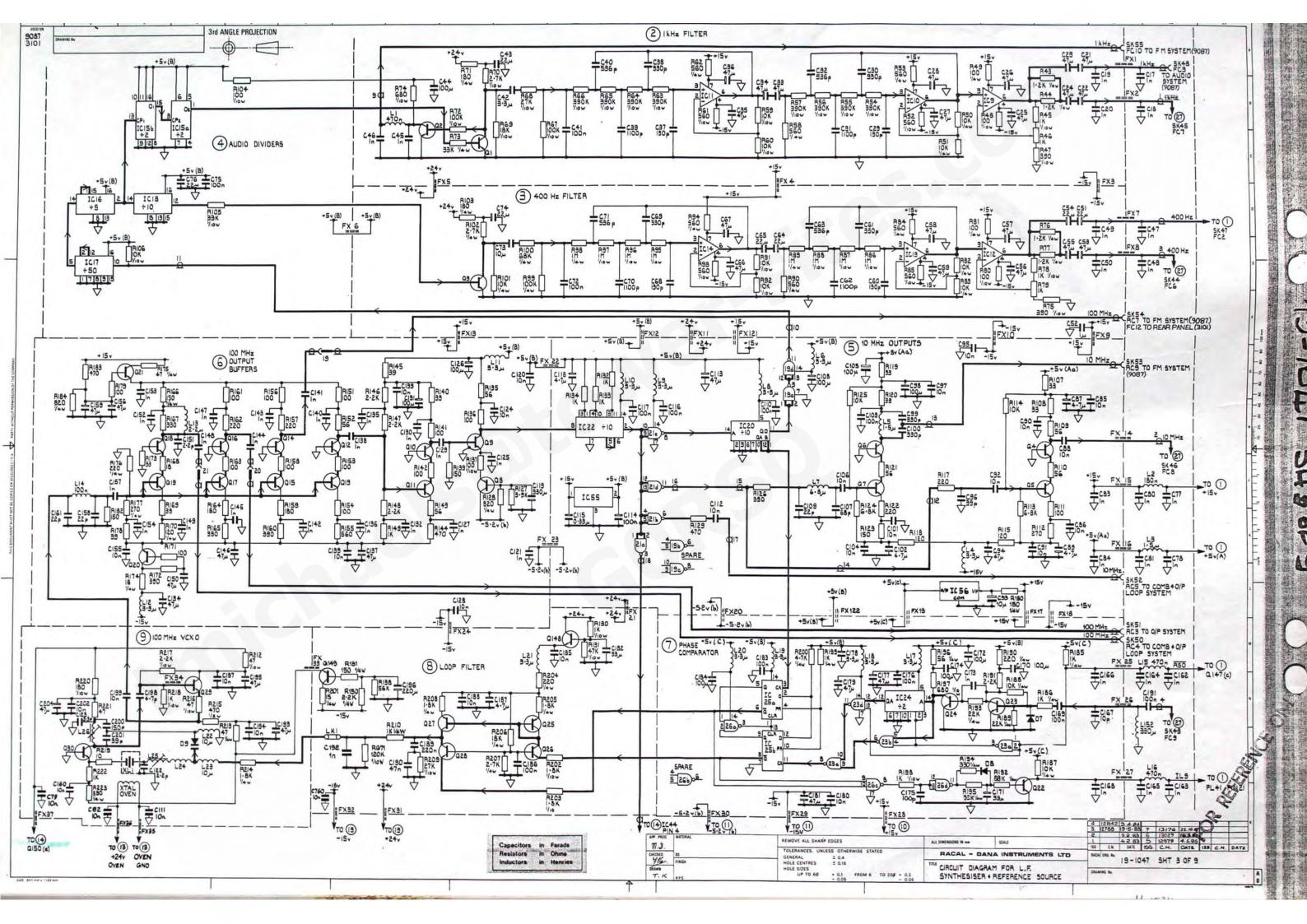
> COMPONENT REFERENCE SHTS 3, 7 R43-115, 117-210, 212-223, 671 C17-202,204,760 D7-5 IC3-26,55,56 Q1-30, 148, 149 L1-26, 152 FX1-37, 121, 122 LK1 SK48,50-55

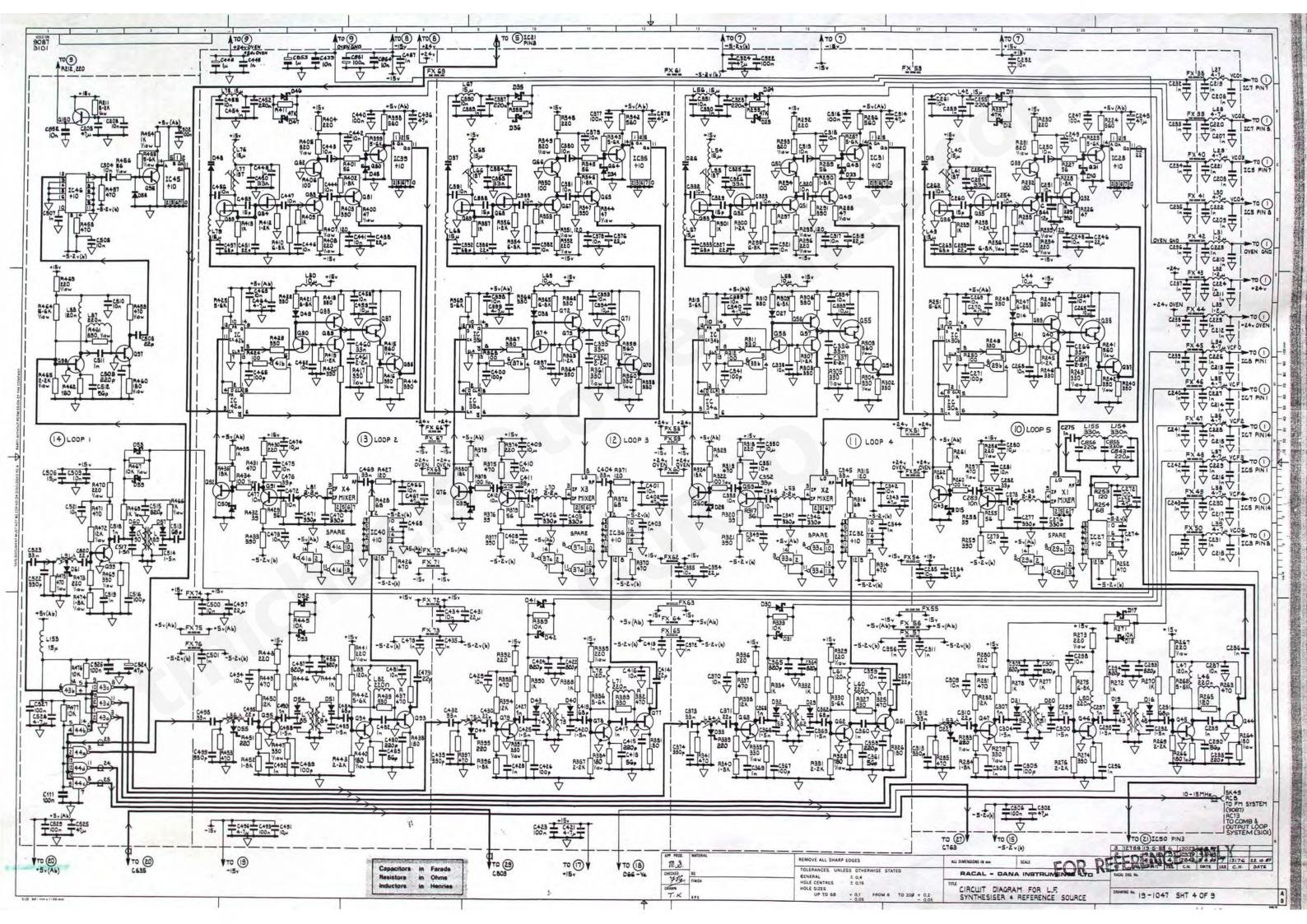
COMPONENT REFERENCE SHTS 4,8 R211,224 - 477 C111,203,205 - 523,843,844,851-856 DIO - 61 IC27 - 46 Q31 - 53,150 L27 - 91,153-155 FX38 -76 XI - 4 SK49

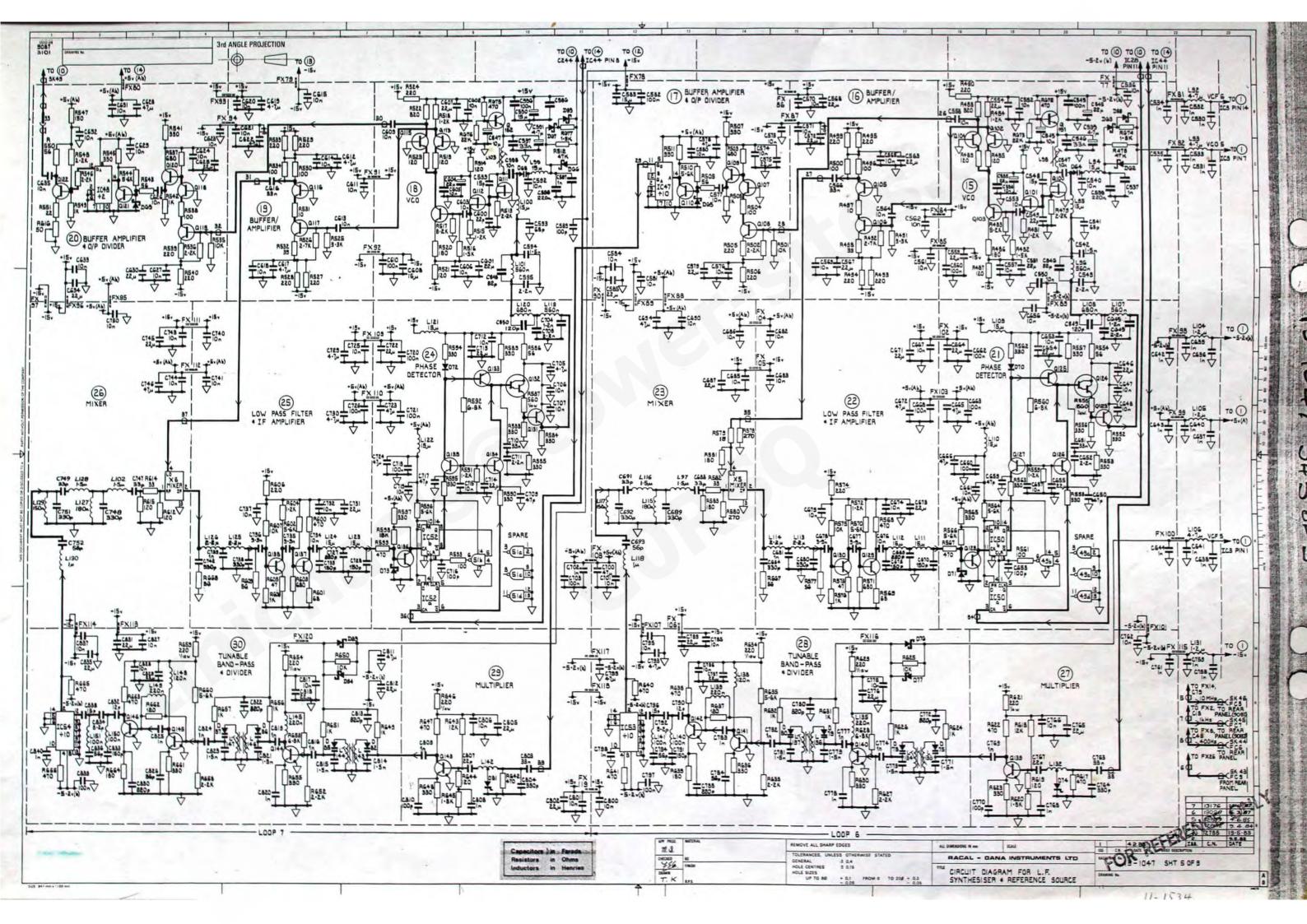
COMPONENT REFERENCE SHTS 5, 9 R478 -609,612,614-688,672:677 C530-694,700-752,758,759,761-840,842,845-850 062 -89 062 -89 1C47 -54 Q100 -146,151,152 L 92-151 FX77 -120 X5,6 SK-03-446

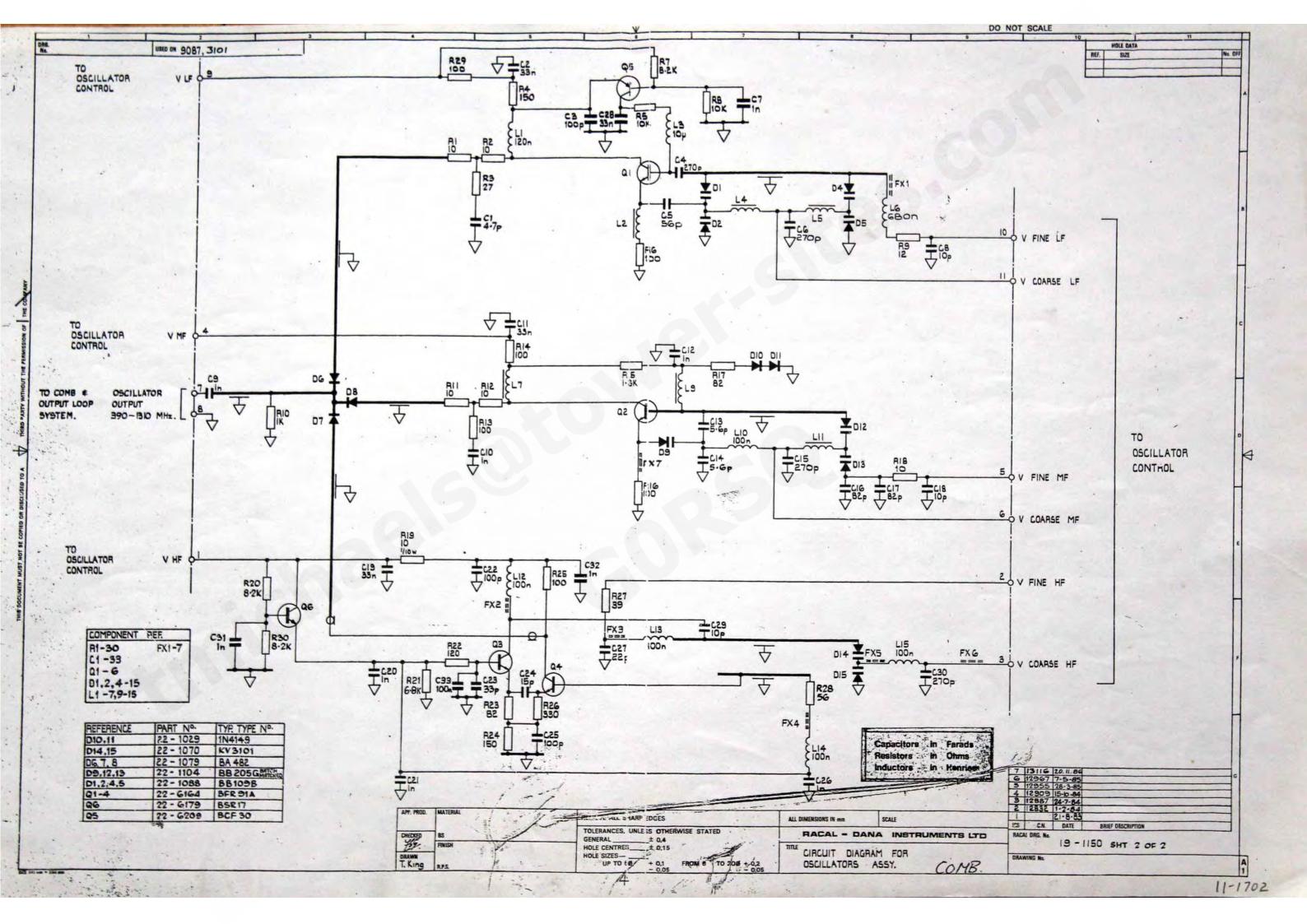
Capacitors	5	Facada
Resistors		Ohms
Inductors	n	Neuries

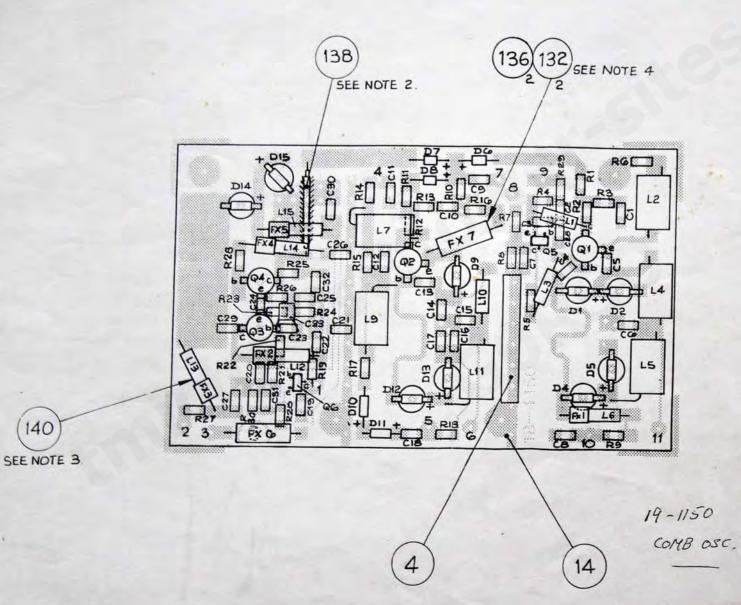












140

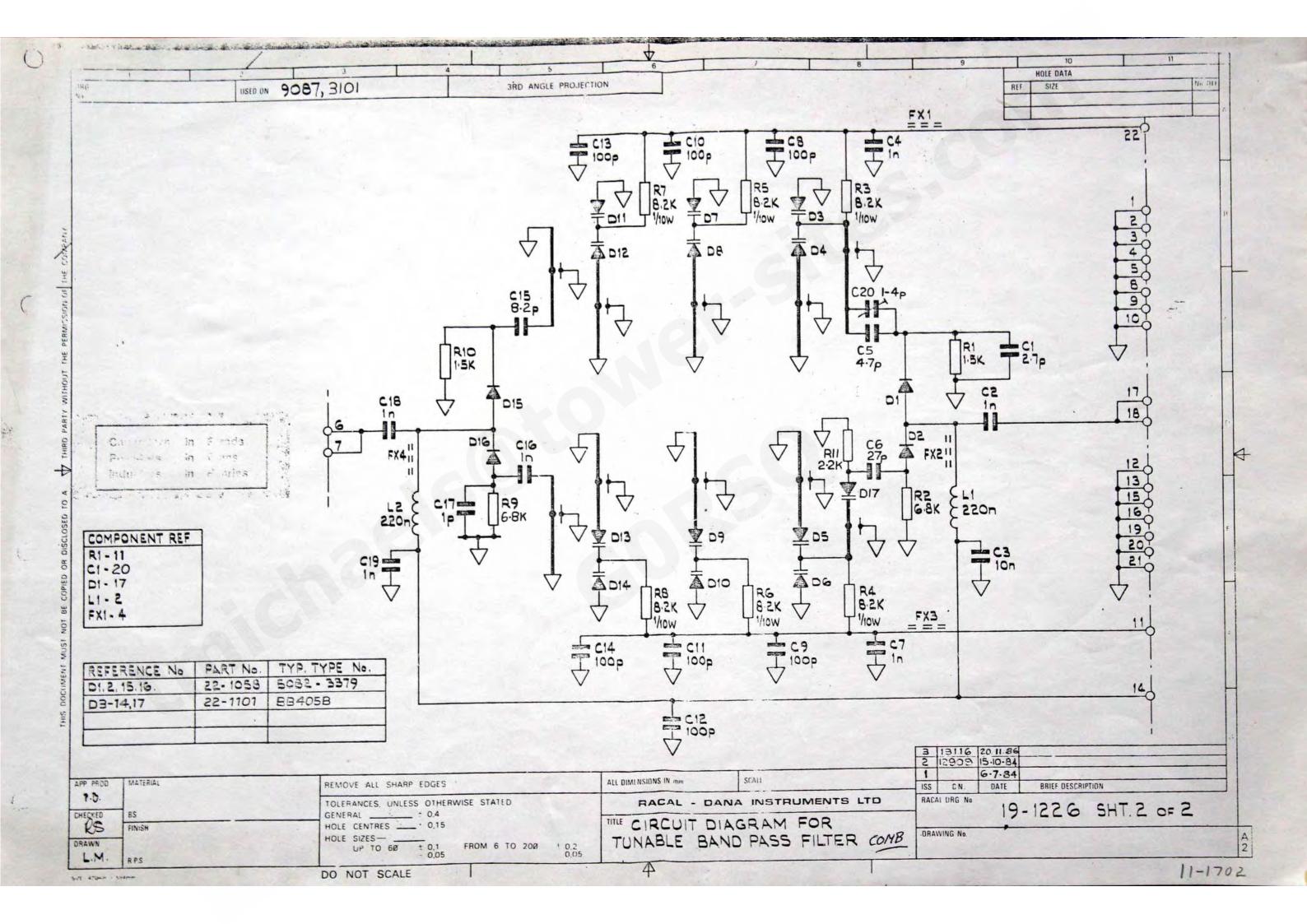
NOTES :-

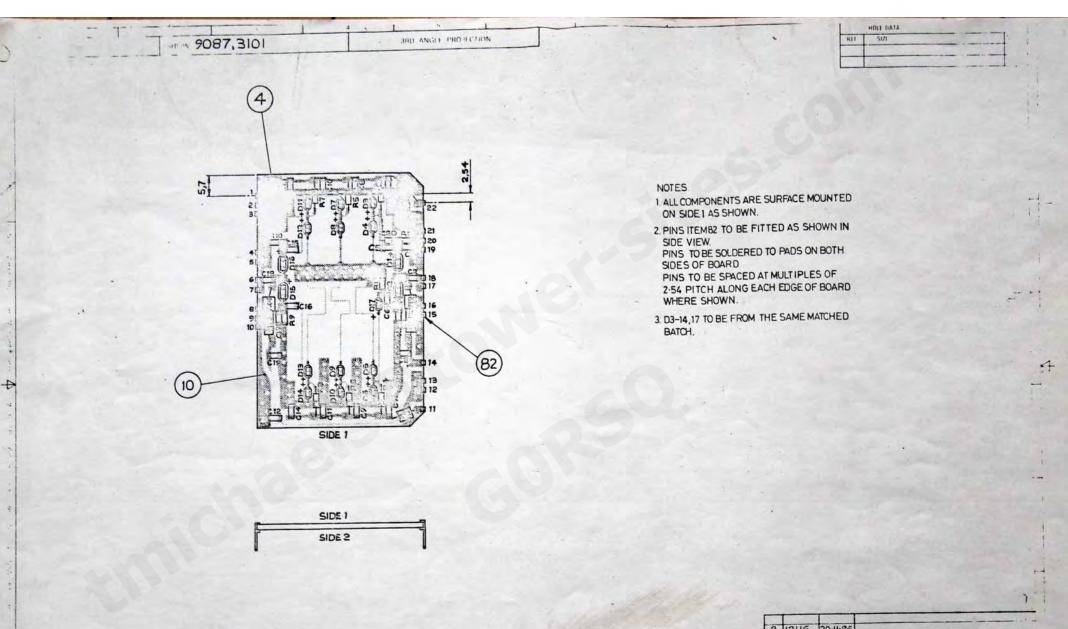
- 1. FIT ALL COMPONENTS TO
- 2. FIT SEMI-RIGIL COAX ITE SHOWN SOLDER COAX OU WHERE SHOWN THUS ///
- 3. FX 1/L6 , FX 2/L12 , FX 3/L13 FX 5/L15 TO BE COVERED SLEEVING ITEM 140
- 4. SECURE FXG,7 TO P.C.B.

5. 09,12 \$ 13 ARE BATCH MA

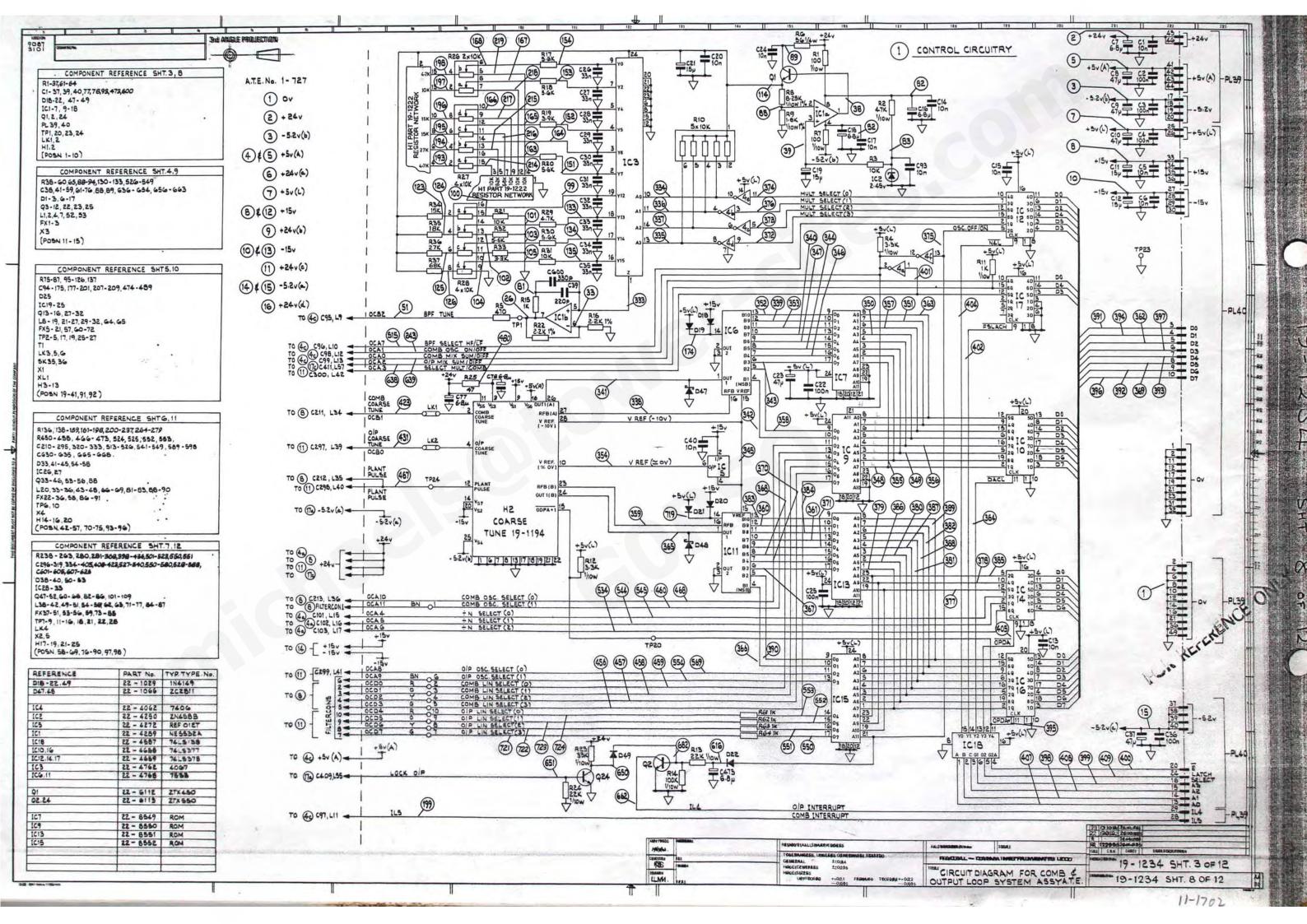
6. C33 TO BE SOLDERED ACROSS (TO BE AS SHORT AS POSSIBLE

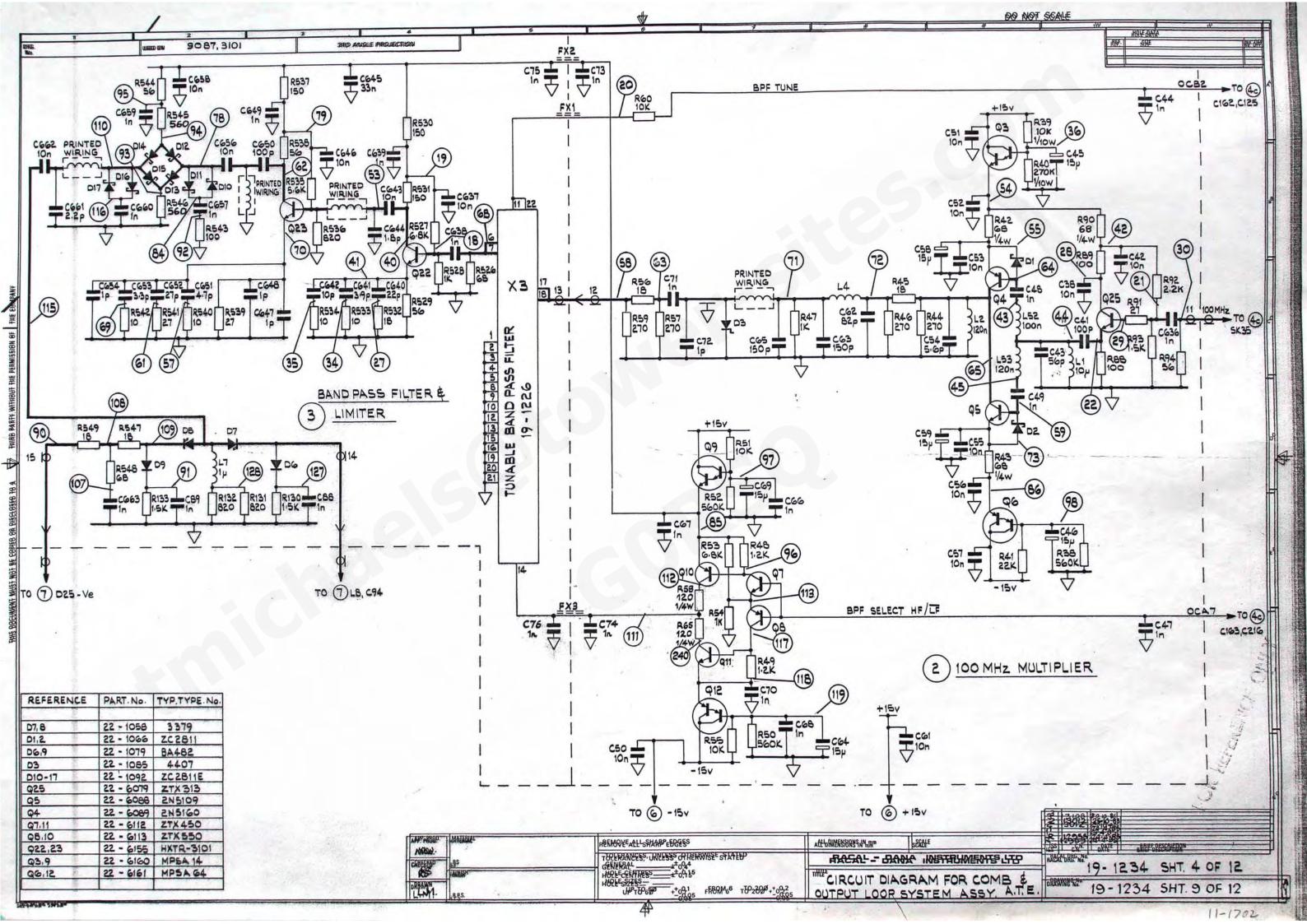
11-1702

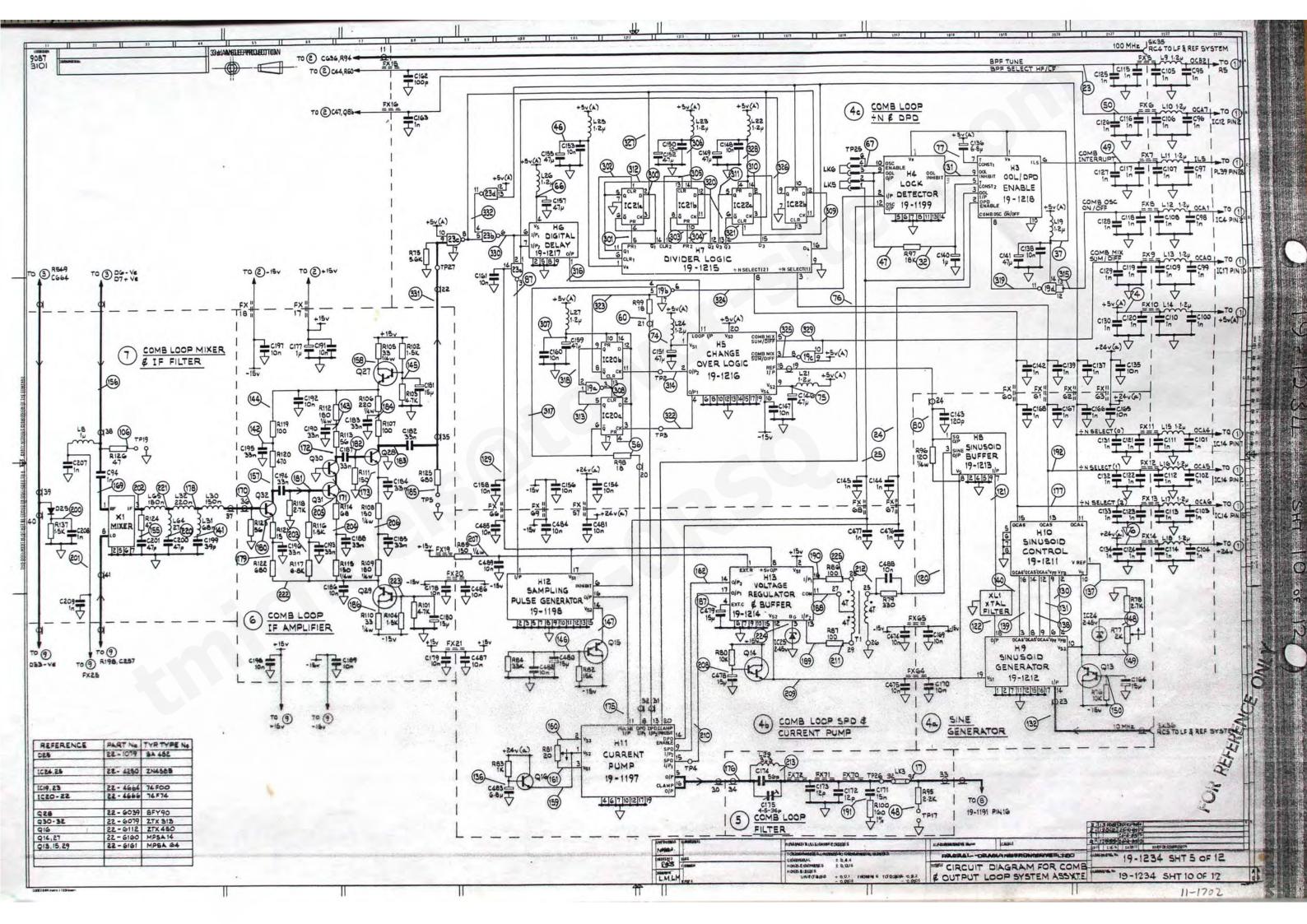


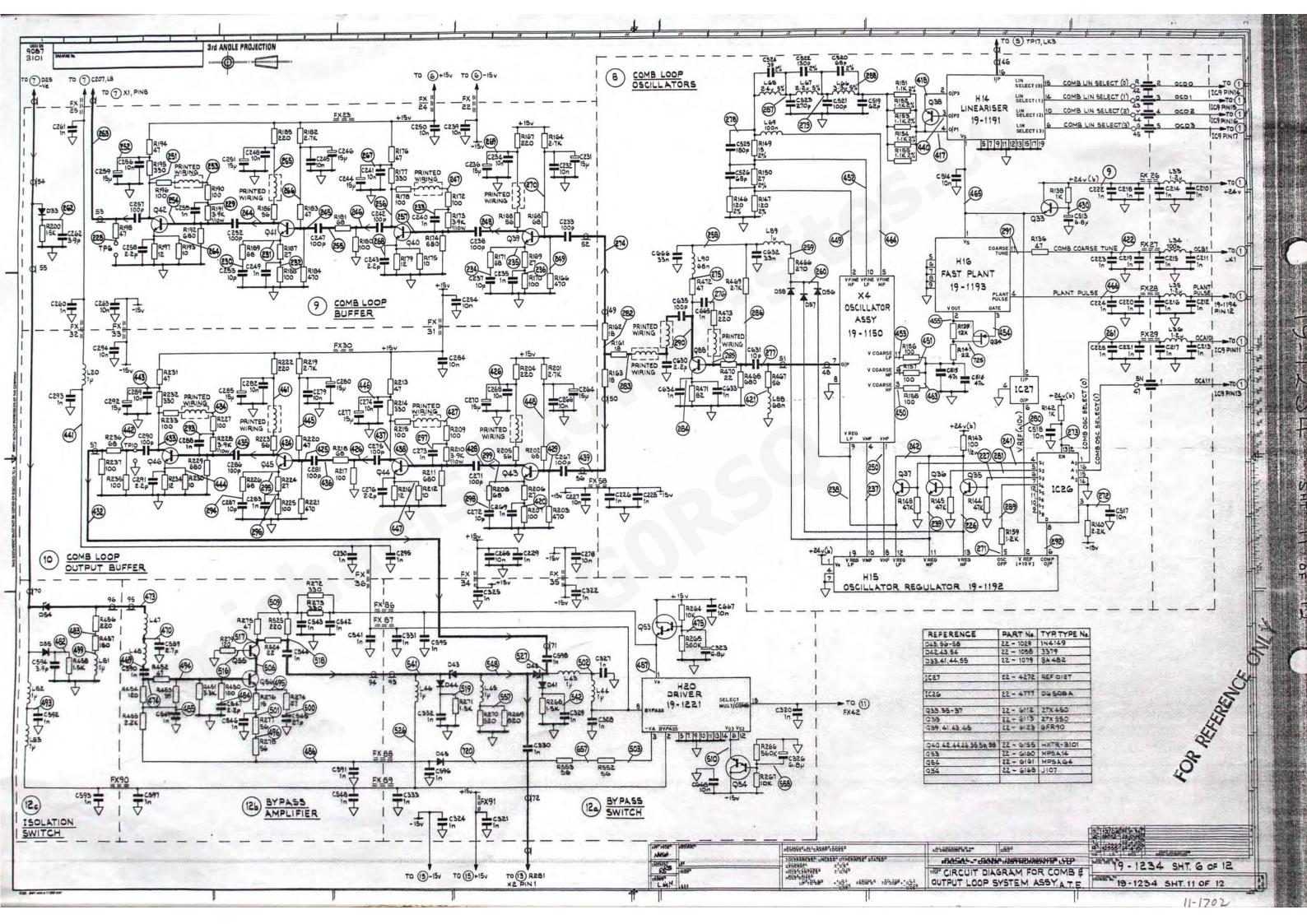


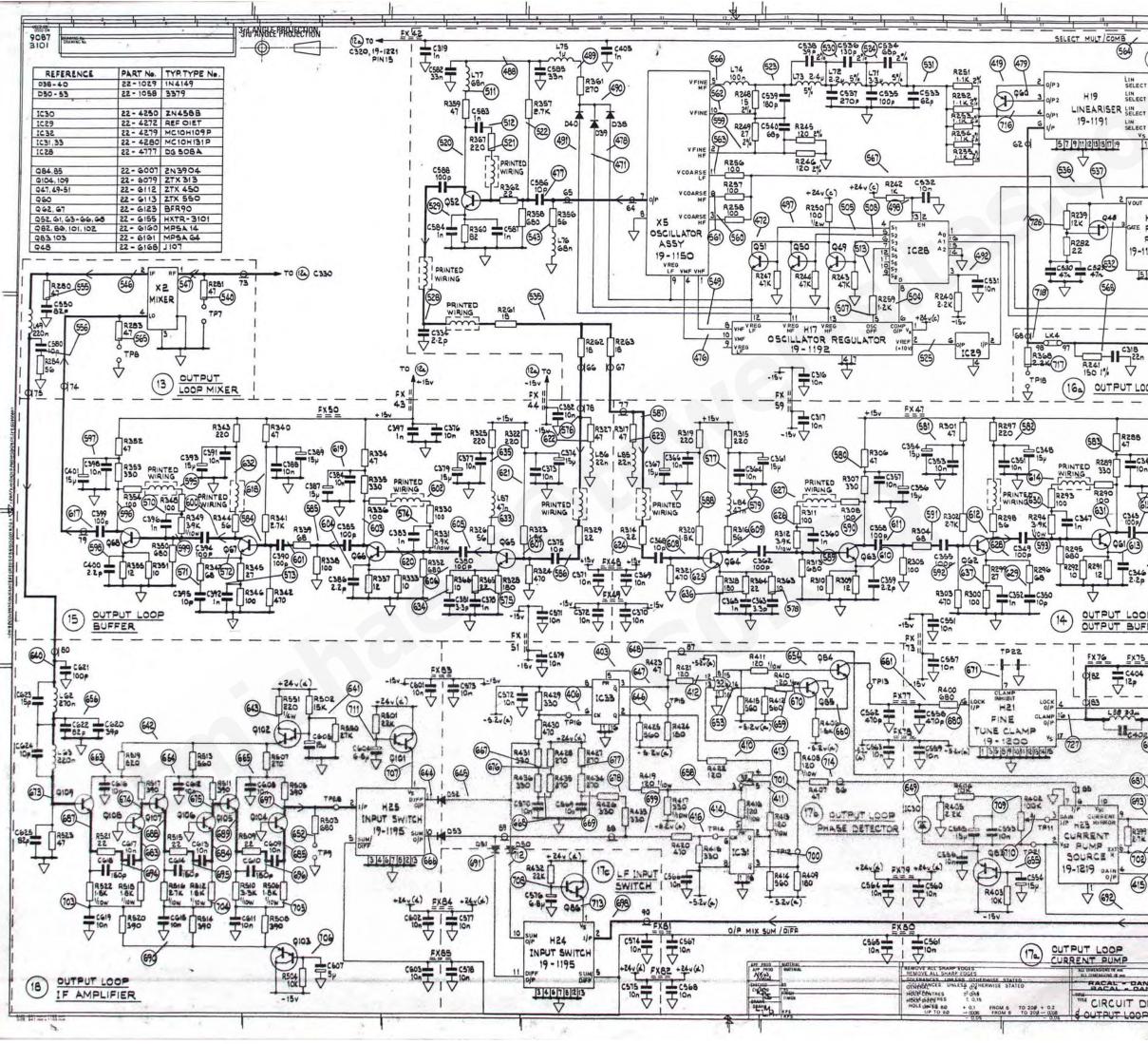
		and the second second	ALL DAM INSIDING IN the STATE 2:1	2 1/29/09 1/5-10-84 1 5-7-84
(The really)	M7.15(7)	SO MONT ALL SO ARE LOGES		ISS I N DATE REPORTED N
		THE BANKES DIRESS OTHERWISE STATED	RACAL - DANA INSTRUMENTS LTD	RACAL DRG No
TRAIN .	85 + 4 5 +	- F5(PA) = 0.4 =0.1 (INTR(S) = 0.15 =0.4 S21S =0.4 S21S =0.1 (ROM 6 10 200) 0.2 0.05	TUNABLE BAND PASS FILTER COMB	1014WING No 19-1226 SHT 10F2
M.J.P. RPS		DO NOT SCALE		











EX 41 L42 1.24 OCA3 TO C315 C310 C305 C300 IC17 PINIZ (564) OUTPUT LOOP OSCILLATORS 4 4 TODRA LIN SELECT 63 19 O/P LIN SELECT (1) TODA 610 OCDG -TO () 60 LIN TO 1 59 1.2. FX37 TO C528 R236 C301 C311 C306 C296 (533) +244 0471 € C527 OF COARSE OCBO TO C302 -C2971 C312 = C307 R260 HIB 514 E FAST (539) PLANT FX 39 19-1193 TO PULSE PLAN - C303 - C298 c313 = c306 = 638 19-1194 56789 PIN 12 4 (481) 4 OCAB TO C314 = C309 = C299 C304 ICIS PIN BN To 1 \checkmark ICIS PINIT (12) OUTPUT LOOP FILTER 4 L50 1:2, 337 C335 FX45 TO 0 C340 - C339 -= 0337 +15v R288 LC344 85 11 11 A R286 594 C345/ 5437 5 061 613 RC2 TO OUTPUT R287 SYSTEM R28 (3) 4 10 0 FX 46 C342 C341 | C336 C336 154 - 15. OUTPUT LOOP die FX 53 10 01 FX75 FX74 ₽¹²₽ ₹12p (420 C416 - 10 - 5.2v (1-52. (c) 16 HF 679) 4 155 C421 - C417 -= 413 Ileto R40 Ro 500 FX55 156 12, 4 C414 Chit. 681 840 693 m22 RCB FROM F 1397 CURRENT 10-15 MH PUMP SINK 15 (702) 0551-91 05 C423 - C419 -415 314 619 MENTS LTD 19-1234 SHT 7 OF 12 CIRCUIT DIAGRAM FOR COMP Data 19-1234 SHT 12 OF 12 TPUT LOOP SYSTEM LSS -1702