DDS

PHASE DETECTOR / CHARGE PUMP A

VCO / BUFFER A

REFERENCE DIVIDER

QUADRATURE MIXER

OUTPUT DIVIDER / FILTER

÷N / PHASE DETECTOR / CHARGE PUMP B

VCO / BUFFER B

PRESTEER

REFERENCE DESIGNATORS NOT USED:
C60, C119, R97

REFERENCE DESIGNATORS LAST USED:	
R205, C175, D22, U30, T1, FB6, L44, J7, Q30, Y1, TP12	
U1	LM2940-10
U2, U10-12, U23	78L05
U3, U6	LM1086-3.3
U4, U9, U18, U22, U26	74AC00
U5, U25	78L08
U7	AD9852
U8, U17, U19, U24, U27	74AC74
U13, U21	UPC2758
U14, U20	LM358
U15	MC12080
U16, U30	74AC109
U29	74AC04
U28	ADF4111
Q1, Q4, Q6, Q11, Q12, Q14-16, Q19, Q21,Q27	3906
Q2, 5, 7, 9, 13, 17, 20, 23, 24, 26, Q28-30	3904
Q3, Q8, Q10, Q18, Q22, Q25	NE68119
Y1	44.55MHz TCXO
D1, D2, D5, D6, D13, D14, D17, D18	SMV1255-4
D3, D7-12, D15, D19, D21, D22	MMSD914
D4, D16	BAP64-05
D20	MMSZ5228B

3/24/03 rev C	A10 SYNTHESIZER	81912