

ATC321 MODEL-TO-MAJOR ASSEMBLY CROSS REFERENCE

KEY TO MAJOR ASSEMBLIES

A1 - A/V-I/O PCB (16320080)	F1 - Front Panel Assembly PCB (16336430)
A2 - A/V-I/O PCB (1632007A)	F2 - Front Panel Assembly PCB (16177720)
B1 - BEP PCB (16225080)	M1 - Deflection/Power Supply PCB (16336040)
C1 - CRT Driver PCB - Blue (16177750)	O1 - Front A/V In PCB (16336420)
C2 - CRT Driver PCB - Green (16177020)	P1 - Power - AC In PCB (16258560)
C3 - CRT Driver PCB - Red (16176920)	R1 - IR Receiver PCB (16176650)
D1 - Digital Convergence PCB (16121420)	T1 - Tuner - DM3 PCB (16389700)

MODEL CROSS REFERENCE

HD40W55YX1.....	ATC321C.....	A1,B1,C1,C2,C3,D1,F2,M1,O1,P1,R1,T1
HD52W55YX1.....	ATC321C.....	A1,B1,C1,C2,C3,D1,F1,M1,O1,P1,R1,T1
HD52W56YX1.....	ATC321C.....	A1,B1,C1,C2,C3,D1,F1,M1,O1,P1,R1,T1
HD52W57YX1.....	ATC321C.....	A1,B1,C1,C2,C3,D1,F1,M1,O1,P1,R1,T1
HD52W58YX1.....	ATC321B.....	A2,B1,C1,C2,C3,D1,F1,M1,O1,P1,R1,T1
HD56W58YX1.....	ATC321B.....	A2,B1,C1,C2,C3,D1,F1,M1,O1,P1,R1,T1

ATC321 TECHNICAL INFORMATION

CIRCUIT PROTECTION

Fusible Device	Circuit Protected	Physical Location
FP01 (5A, 125V)	AC Input	Power Supply PCB, 20-SS

COMPONENT NUMBERING SYSTEM

Serviceability of this chassis is enhanced by road mapping on the top and bottom of the circuit boards. In addition components are marked as to the Component Type and generally marked as to their circuit. The operation and features of the ATC chassis is similar to the CTC series chassis. However the component numbering system is different than that in the past in the CTC series chassis but is similar to the component markings of the TX series chassis. The component numbering for the chassis reflects the component's type and use as to the general circuit areas it is used. The component labeling system is described below:

COMPONENT DESIGNATION: X X xxx		
COMPONENT TYPE	CIRCUIT	COMPONENT NUMBER
B - Connector	A - Audio	01 - 499 Main PCB (top)
C - Capacitor	C - Chroma	500 - 599 Main PCB (bottom)
D - Diode	D - DC-DC Convertor	
F - Fuse	F - Vertical	01 - 099 E/W PCB (top)
I - Integrated Circuit	G - Gemstar	
J - Jumper	H - Tuner	001 - 099 FAV PCB (top)
L - Transformer/Inductor	I - IF	501 - 599 FAV PCB (top)
P - Variable Resistor	J - Sync Separator	
Q - Filter/Crystal	K - Customer Control	001 - 099 FPA PCB (top)
R - Resistor	L - Horizontal	501 - 599 FPA PCB (top)
S - Switch	P - Power Supplies	
T - Transistor	R - System Control	401 - 599 Gemstar PCB
V - Delay Line	U - Kine Drivers	
	V - Video	01 - 99 Kine PCB (top)
	Z - XRP	500 - 599 Kine PCB (bottom)

- EXAMPLES:
- TP20 - Transistor, Power, 20 (number, top side of Main PCB)
 - RA543 - Resistor, Audio, 543 (number, bottom side of Main PCB)
 - CF04 - Capacitor, Vertical, 07 (number, top side of Main PCB)
 - IR02 - Integrated Circuit, System Control, 02 (number, top side of Main PCB)