

CIRCUIT PROTECTION

Fusible Device	Circuit Protected	Physical Location
FL221 (1.25, 125V)	-13V Supply	Power Supply/Deflection PCB
FL231 (400ma, 125V)	+40V Supply	Power Supply/Deflection PCB
FL251 (1.25A, 125V)	+13V Supply	Power Supply/Deflection PCB
FP400 (6A, 125V)	AC Input	Mains Input Doubler PCB
FP602 (1A, 250V)	DVD Power Supply	Mains Input Doubler PCB

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 “**ITC**” 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 PS/D PCB (top)
C - Capacitor	C - Chroma	500 - 599 PS/D PCB (bottom)
D - Diode	D - DC-DC Convertor	
F - Fuse	F - Vertical	01 - 099 DFB PCB (top)
I - Integrated Circuit	G - Gemstar	
J - Jumper	H - Tuner	001 - 099 FCB PCB (top)
L - Transformer/Inductor	I - IF	501 - 599 FCB 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	01 - 99 Kine PCB (top)
V - Delay Line	U - Kine Drivers	500 - 599 Kine PCB (bottom)
	V - Video	
	Z - XRP	

EXAMPLES:

TP20 - Transistor, Power, 20 (number, top side of PS/D PCB)

RA543 - Resistor, Audio, 543 (number, bottom side of SSB PCB)

CF04 - Capacitor, Vertical, 07 (number, top side of PS/D PCB)

IR02 - Integrated Circuit, System Control, 02 (number, top side of SSB PCB)