

# U3100 REPAIR GUIDE



SYMPTOM	CAUSE	COMMENTS
NO PICTURE/VIDEO DISTORTED VIDEO JITTER/SHAKES	IC201, C601, IC501, Q601 D3, IC201 IC201, C318, C301, C302, C303,	CHECK GROUND AND VIDEO CABLE
NO POWER/DEAD	Q705, R623, R632, Q601, R412, D603, D610, D806, D807, T703, VR501	T701 BOWS FUSE
BRIGHTNESS CONTRAST	R815, Q804, C807, R816, D807, IC U201, CRT R308, IC U201	
NO VERT DEFLECTION VERT HOLD VERT SIZE	IC402, L701 C601 R411	
SYNC PROBLEM	R430, C401, IC U701, R402,	CHECK THAT SYNC IS GOING INTO PROPER IN PUT (+or -) SEP. SYNC OR (+or-) COMP. SYNC
COLOR PROBLEMS		CHECK CABLE CONNECTIONS
NO RED PICTURE RED	Q302, R17, VR302, Q305, Q306, Q307, IC U201 Q302, Q305, Q306, Q307, IC U201	BLUE & GREEN MAY BE MISSING
NO BLUE PICTURE BLUE	Q304, R19, VR303, Q311, Q312, Q313, IC U201 Q304, Q311, Q312, Q313, IC U201	RED & GREEN MAY BE MISSING
NO GREEN PICTURE GREEN	Q303, R18, Q8, Q9, Q10, IC U201	RED & BLUE MAY BE MISSING
WIDTH PROBLEM	IC201	
PIN CUSHION	Q1, Q2, D1, C1	ADJUST VR2 & VR3 IF NO EFFECT CHECK COMPONENTS LISTED

**NOTE: ITEMS IN THE "CAUSE" COLUMN ARE LISTED FROM MOST COMMON  
TO LEAST COMMON COMPONENTS**