

K7400 K7500 Typical Voltages with Input Signal Applied*

TEST POINTS				DIODES			INTEGRATED CIRCUITS					
					ANODE	CATH	IC's PIN NO.	U101	U500	U501	U701	U702
TP103*	-3.20			D101*	33.90	149.70	1	3.40	12.20	14.40	4.80	0.20
TP104*	17.10			D102*	71.90	149.70	2	2.50	5.50	25.20	9.10	4.40
TP105*	0.90			D103*	71.80	77.60	3	0.20	5.50	3.60	8.60	14.40
TP106*	0.00			D104*	0.20	77.60	4	1.80	2.30	6.60	0.00	0.20
TP200	4.80			D105*	0.00	0.20	5	0.00	2.30	0.00	4.00	4.80
TP201	0.10			D106A	0.20	85.00	6	5.62	2.20	9.20	3.38	4.40
TP202	117.20			D106B	78.00	97.10	7	18.40	0.00	9.80	6.90	0.00
TP203	152.00			D106C	95.90	116.80	8	4.90	2.20	4.50	6.85	0.20
TP204	14.70			D107*	152.00	318.40	9	—	2.23	24.90	5.85	4.70
TP205	24.90			D108*	152.10	155.40	10	—	2.14	1.50	13.50	4.90
				D111*	18.90	18.90	11	—	2.27	—	6.40	14.50
				D112*	0.20	18.30	12	—	4.13	—	0.60	0.20
				D113*	0.10	0.10	13	—	12.00	—	0.10	4.80
				D114*	0.10	0.10	14	—	10.30	—	0.10	4.80
				D115	-37.00	-36.00	15	—	0.85	—	0.10	—
				D116	-36.90	-36.00	16	—	2.50	—	8.70	—
				D117	-1.20	-169.20	17	—	1.20	—	0.80	—
				D301	0.60	14.60	18	—	1.30	—	5.50	—
				D302	0.30	24.90	19	—	0.80	—	5.70	—
				D303	-149.00	15.00	20	—	2.40	—	11.50	—
				D310	0.10	155.00	21	—	1.30	—	—	—
				D501	1.54	0.80	22	—	1.20	—	—	—
				D502	1.42	0.72	23	—	12.00	—	—	—
				D503	1.40	0.70	24	—	0.85	—	—	—
				D504	42.00	155.00	25	—	2.40	—	—	—
				D505	9.90	155.00	26	—	1.30	—	—	—
				D506	121.00	132.00	27	—	1.10	—	—	—
				D507	6.17	6.17	28	—	12.00	—	—	—
				D600	4.70	4.90						
				D601	0.00	4.90						
				D602	11.60	15.80						
				D603	24.30	24.70						
				D604	0.20	0.00						
				D700	0.60	0.00						
				D702	11.70	14.10						
				D707	6.80	NOTE 1						
				D708	0.30	22.00						
				D711	0.10	21.60						
				D803	0.00	0.10						
				D804	0.20	1.40						
				D807	0.10	0.20						
				D808	8.70	1.40						
				D809	8.90	14.70						
				D810	-149.70	-149.40						
				D811	0.00	4.80						

ZENERS DIODES			
	ANODE	CATH	
Z500	0.00	12.00	
Z601	0.00	114.00	
Z602	-2.30	-2.80	
Z700	0.00	4.80	
Z701	0.00	5.40	
Z702	0.00	13.30	
Z800	38.70	118.00	
Z802	1.70	13.90	
Z803	6.80	14.70	
Z804	0.00	8.90	

TRANSISTORS			
TRSTR	EMIT	BASE	COLL
Q101*	0.10	5.56	152.10
Q502	0.00	-0.10	10.30
Q503	11.20	11.60	114.40
Q504	11.20	11.70	119.40
Q505	11.20	11.75	120.60
Q506	1.40	2.10	11.20
Q507	1.40	2.20	11.20
Q508	1.50	2.20	11.30
Q509	1.40	0.36	0.00
Q510	1.50	0.36	0.00
Q511	1.40	0.36	0.00
Q601	8.70	9.40	11.60
Q602	2.20	2.80	14.00
Q703	0.00	0.36	79.60
Q704	0.00	0.50	NOTE 1
Q709	5.80	5.20	1.13
Q710	0.00	-1.13	5.75
Q770	5.30	6.41	10.80
Q771	6.40	10.80	14.00
Q800	0.00	-0.28	20.20
Q801	0.44	1.07	5.13
Q802	0.30	0.00	0.58
Q803	8.65	8.90	0.00

*Voltages are for reference only and may vary with input signal and control adjustments

Parts marked with an "*" are measured with respect to AC GROUND. All other parts are measured with respect to chassis ground.

For Your Safety, it is recommended that an isolation transformer be used when servicing this product.

Do not measure except with high voltage probe.



WELLS-GARDNER
ELECTRONICS CORPORATION