

SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

REF. NO.	IC6001																			
MODE	1	2	3	4	5	6	7	8												
STOP	4.9	-0.1	4.8	0	4.8	-0.1	5.0	6.4												
PLAY	5.0	0	4.8	0	5.0	0	5.0	6.6												
F.F.	4.9	-0.1	4.8	0	4.8	-0.1	5.0	6.3												
REF. NO.	IC6004																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
STOP	3.4	4.5	4.7	4.6	4.5	2.2	-0.1	4.7	4.7	0	0	0	0	4.8						
PLAY	4.0	4.5	4.8	4.6	4.7	0	0	4.8	4.8	4.8	4.8	0	0	0						
F.F.	3.4	4.5	4.7	4.7	4.5	0	-0.1	4.7	0	4.8	4.8	0	0	4.8						
REF. NO.	IC6005																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
STOP	0			4.8	-0.1	-0.1	-0.1	-0.1	3.7	4.7	4.8	-0.1	-0.1	-0.1	4.7	4.8				
PLAY	0	4.6	4.8	4.8	0	0	0.1	0	0	3.7	0	0	0	0	0	4.8				
F.F.	0			4.8	-0.1	-0.1	0.1	-0.1	0	4.7	4.8	-0.1	-0.1	-0.1	4.7	4.8				
REF. NO.	IC6006																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	-0.1	4.7	0	4.7	0	4.8	0	2.1	0	-0.1	1.3	-0.1	0	-0.1	0	0	-0.1	4.5	3.6	4.8
PLAY	0	4.8	0	4.7	0	0	0	2.2	0	0	1.3	0	0	0	0	0	0	4.2	3.6	4.8
F.F.	-0.1	4.7	0	4.7	0	0	1.4	2.1	2.1	-0.1	1.3	-0.1	0	0	0	0	-0.1	4.1	3.6	4.7
REF. NO.	IC6007																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	4.6	4.6	4.6	4.6	4.7	4.7	4.4	4.7	4.6	4.7	4.8	0	0	4.6	3.5	4.7	4.5	4.6	4.3	4.8
PLAY	4.7	4.7	0	4.7	4.7	4.5	4.7	4.8	4.7	4.8	4.8	0	0.2	4.8	0	4.8	4.7	4.6	4.4	4.8
F.F.	4.7	4.6	4.6	4.5	4.6	4.5	4.6	4.7	4.7	4.2	4.8	0	0	4.6	2.5	4.7		4.6	4.4	4.8
REF. NO.	IC6007																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	-0.1	4.7	-0.1	2.3	-0.1	2.3	-0.1	-0.1	-0.1	-0.1	1.8	1.8	-0.1	0	-0.1	4.7	-0.1	0.1	4.7	-0.1
PLAY	0	3.5	0	2.2	2.4	2.8	2.4	0	0	3.6			0	4.8	4.8	4.8	0	0.2	0	0
F.F.	-0.1	4.7	0	2.3	2.3	2.3	2.2	-0.1	-0.1	4.8			-0.1	4.8	4.7	4.7	4.7	0.2	4.7	-0.1
REF. NO.	IC6007																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	2.3	-0.1	0	2.3	2.3	2.3	0	2.3	-0.1	2.3	2.3	2.1	2.6	4.8	-0.1	-0.1	-0.1	2.3	2.3	-0.1
PLAY	0	0	1.3	2.4	2.4	2.4	2.4	2.4	0	2.4	2.4	2.1	2.6	4.8	0	0	0	2.4	2.4	0
F.F.	0	-0.1	1.3	2.3	2.4	2.3	2.3	2.3	-0.1	2.3	2.3	2.3	2.6	4.8	-0.1	-0.1	-0.1	2.3	2.3	-0.1
REF. NO.	IC6007																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	0	0	4.8	0	0.2	4.1	4.1	-0.1	-0.1	0	4.7	-0.1	4.8	4.8	4.8	0.7	4.7	0	0	0
PLAY	2.7	0	4.8	2.4	2.9	4.1	4.1	0	0	0	4.8	0.9	4.8	4.8	0	0.7	0	0	0	0
F.F.	2.9	0.4	4.8	2.3	2.9	4.1	4.1	0	-0.1	0	4.7	-0.1	4.1	4.8	0	0.7	4.7	0	0	0
REF. NO.	IC6007																			
MODE	81	82	83	84																
STOP	4.7	4.7	4.6	2.3																
PLAY	4.8	4.8	4.6	2.4																
F.F.	4.8	4.7	4.6	2.3																
REF. NO.	IC6008																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
STOP	-0.1	0	-0.1	-0.1	0	0	-0.1	0	-0.1	4.7	-0.1	0.6	-0.1	-0.1						
PLAY	0	0	0	0	0	0	0	0	0	4.8	0	0.6	0	0						
F.F.	-0.1	0.1	-0.1	0	0	0	-0.1	-0.1	-0.1	4.7	-0.1	0.5	-0.1	-0.1						
REF. NO.	IC6009								IC6010											
MODE	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8		
STOP	0	0	-0.1	0	0	6.4	4.8	0	4.8	6.4	0	2.4	3.4	-0.1	4.6	2.4	3.2	6.4		
PLAY	0.1	0	0	0	0	6.6	4.8	0	4.8	6.6	4.8	2.4	3.5	0	0	2.4	3.4	6.6		
F.F.	0	0	0	0	0	6.2	4.8	0	4.8	6.2	4.7	2.4	3.3	-0.1	4.6	2.4	3.2	6.3		
REF. NO.	IC6012																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
STOP	4.6	4.7	4.8	-0.1	-0.1	-0.1	-0.1	4.7	0	4.7	4.8	4.7	4.7	4.8						
PLAY	4.6	4.7	4.8	0.2	0	0	0	4.8	0	4.7	4.8	4.7	4.8	4.8						
F.F.	4.6	4.7	4.8	-0.1	0.1	-0.1	-0.1	4.8	0	4.7	4.8	4.7	4.7	4.8						
REF. NO.	IC6013																			
MODE	1	2	3																	
STOP	4.8	-0.1	0																	
PLAY	4.8	0	0																	
F.F.	4.8	0	0																	
REF. NO.	IC6014																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
STOP	-0.1	4.6	4.6	4.6	4.6	0	-0.1	4.7	4.6	4.8	4.6	4.6	0	4.8						
PLAY	0	4.7	4.6	4.6	4.6	0	0	4.8	4.6	4.8	4.7	4.7	0	4.8						
F.F.	-0.1	4.6	4.6	4.6	4.6	0	-0.1	4.7	4.6	4.8	4.6	4.6	-0.1	4.8						
REF. NO.	IC6015																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
STOP	4.7	4.7	4.8	4.8	4.7	4.7	-0.1	4.7	0	4.8	4.8	0	4.7	4.8						
PLAY	4.7	4.8	4.8	4.8	4.7	4.8	0	4.8	4.7	4.8	4.8	4.8	4.7	4.8						
F.F.	4.7	4.7	4.8	4.8	4.7	4.7	-0.1	4.7	4.6	4.8	4.8	4.7	0	4.8						

SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

REF. NO.	IC6016													
MODE	1	2	3	4	5									
STOP	4.4	4.4	-0.1	4.1	4.8									
PLAY	0	4.4	0	0	0									
F.F.	4.3	4.3	-0.1	4.1	4.8									
REF. NO.	IC6201													
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
STOP	0.5	1.3	0.7	4.8	2.3	2.3	2.3	2.4	2.3	2.3	-0.1	1.2	1.2	1.2
PLAY	2.1	2.4	2.4	4.8	2.4	2.4	2.4	2.4	2.4	2.4	0	2.4	2.4	2.4
F.F.	1.9	2.3	2.3	4.8	2.3	2.3	2.3	2.4	2.3	0	-0.1	2.4	2.4	2.4

SYSTEM CONTROL & SERVO TRs DC VOLTAGE CHART (SP MODE)

REF. NO.	Q6001			Q6003			Q6004			Q6005			Q6006			Q6010		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	4.1	4.8	4.8	-0.1	4.5	0	0	6.5	-0.1	4.8	4.8	4.1	-0.1	0	0.6	-0.1	0.1	0.5
PLAY	0	4.8	0	0	4.6	0	0	6.6	0	4.8	4.8	4.1	0	0	0.6	0	2.9	0.2
F.F.	4.1	4.8	4.8	-0.1	4.6	0	1.1	6.2	1.0	4.8	4.8	4.1	-0.1	0	0.6	-0.1	2.9	0.1
REF. NO.	QR6001					QR6002			QR6003			QR6004			QR6005			
MODE	1	2	3	4	5	E	C	B	E	C	B	E	C	B	E	C	B	
STOP	4.6	4.6	0	0.7	1.3	-0.1	-0.1	1.3	4.8	-0.1	4.8	-0.1	0	4.3	-0.1	-0.1	6.8	
PLAY	4.6	4.6	0	1.0	1.4	0	0	1.3	4.8	0	4.8	0	0	4.4	0	0	6.9	
F.F.	4.6	4.6	0	0.7	1.4	-0.1	-0.1	1.3	4.8	1.0	0	-0.1	0	4.3	0	-0.1	6.7	
REF. NO.	QR6006					QR6008			QR6009			QR6010						
MODE	1	2	3	4	5	E	C	B	E	C	B	E	C	B				
STOP	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.4	2.3	4.8	4.7	2.7	4.8	0	4.8				
PLAY	0	0	0	0	0	0	3.4	2.3	4.8	4.7	4.7	4.8	0	4.8				
F.F.	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.4	2.3	4.8	4.7	4.7	4.8	0	4.8				
REF. NO.	QR6011					QR6012			QR6013			QR6014						
MODE	1	2	3	4	5	E	C	B	E	C	B	E	C	B				
STOP	4.7	4.7	-0.1	-0.1	0	-0.1	3.5	0.5	3.3	-0.1	4.7	1.3	4.6	0.7				
PLAY	0	0	0	0	0	0	3.5	0.6	3.4	0	4.6	1.4	4.6	0.9				
F.F.	4.7	4.7	-0.1	-0.1	0	-0.1	3.5	0.5	3.2	-0.1	4.7	1.4	4.6	0.9				

SYSTEM CONTROL & SERVO CIRCUIT WAVEFORM





