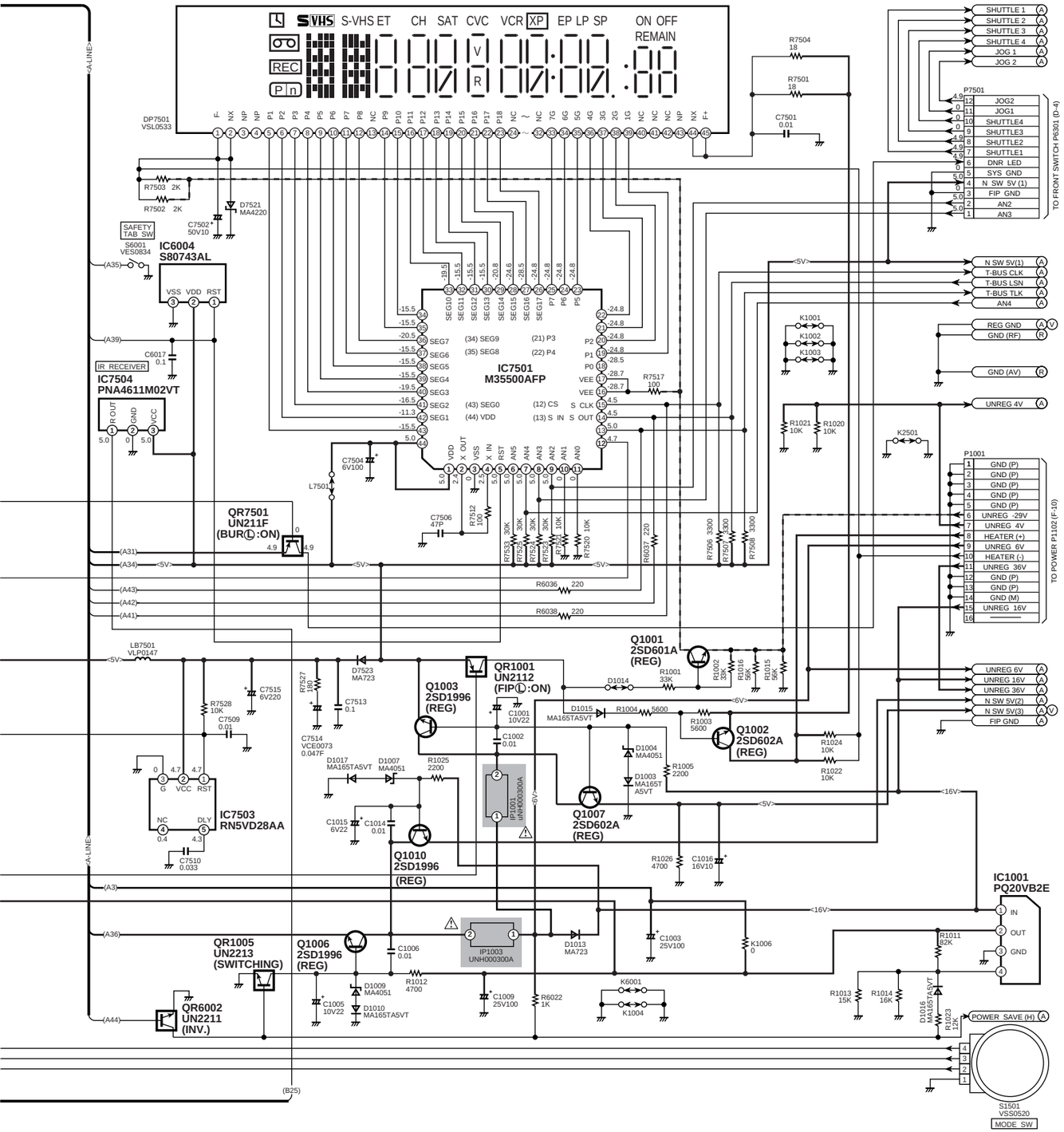

NOTE : THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY THE SAME TYPE.

NOTE : DO NOT USE ANY PARTS NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

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

Ref.No.	IC1001										IC2501									
MODE	1	2	3	4							1	2	3	4	5	6	7	8		
STOP	15.9	14.1	0	1.1							2.4	2.4	2.4	0	0	0	0	4.9		
PLAY	15.4	14.1	0	1.1							2.4	2.4	2.4	0	0	0	0	4.9		
REC	15.4	14.1	0	1.1							2.4	2.4	2.4	0	0	0	0	4.9		
F.F	15.4	14.1	0	1.1							2.4	2.4	2.4	0	0	0	0	4.9		
REW	15.4	14.1	0	1.1							2.4	2.4	2.4	0	0	0	0	4.9		

Ref.No.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	4.3	0	2.3	4.6	0	5	4.9	4.7	1.8	0	0	1.9	0	5.0	0	0	4.5	4.7	0	4.7
PLAY	4.3	0	2.3	4.6	0	5	4.9	4.7	3.2	0	4.7	1.9	0	5.0	4.3	0	4.5	4.7	4.6	4.7
REC	4.3	4.6	2.3	4.6	0	5	4.9	4.7	3.4	0	4.7	1.9	0	5.0	4.3	0	4.5	4.7	0	4.7
F.F	4.3	0	2.3	4.6	0	5	4.9	4.7	0.7	0	4.9	1.9	0	5.0	0	0	4.5	4.7	0	4.7
REW	4.3	0	2.3	4.6	0	5	4.9	4.7	3.2	0	4.9	1.9	0	5.0	0	0	4.5	4.7	0	4.7

Ref.No.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	0	0	0	0	4.7	0	0	0	4.7	4.7	4.7	0	0	0	0	4.7	4.7	-	-	0
PLAY	0	0	0	4.7	4.7	0	0	4.7	4.7	4.7	4.7	0	0	0	0	4.7	4.7	-	-	0
REC	4.6	4.6	4.6	0	4.7	4.6	4.6	0	4.7	4.7	4.7	0	0	0	0	4.7	4.7	-	-	0
F.F	0	0	0	0	4.7	0	0	0	4.7	4.7	4.7	4.7	0	0	0	4.7	4.7	-	-	0
REW	0	0	0	0	4.7	0	0	0	4.7	4.7	4.7	4.7	0	0	0	4.7	4.7	-	-	0

Ref.No.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	1.0	1.3	4.7	0	4.7	0	0	0	0	0	0	4.7	0	0	0	0	4.7	4.7	4.7	0
PLAY	1.0	1.3	4.7	0	4.7	0	0	0	0	0.3	0	4.7	0	0	0	0	4.7	4.7	4.7	0
REC	1.0	1.3	4.7	0	3.5	0	0	0	0	0.3	0	4.7	0	0	0	0	4.7	4.7	4.7	4.7
F.F	1.0	1.3	4.7	0	4.7	0	0	0	0	4.6	0	0	0	0	0	0	4.7	4.7	4.7	0
REW	1.0	1.3	4.7	0	4.7	0	0	0	0	4.6	0	0	0	0	0	0	4.7	4.7	4.7	0

Ref.No.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	4.6	0	5.0	0	4.7	4.7	4.7	4.3	4.5	4.5	2.7	3.5	0	0	5.0	0	0	2.3	4.9	4.9
PLAY	4.6	0	5.0	0	4.7	4.7	4.7	4.3	4.5	4.5	3.5	2.5	0	0	5.0	0	2.4	2.3	4.9	4.9
REC	4.6	0	5.0	0	4.9	4.9	4.9	4.3	4.5	4.5	3.5	2.5	0	0	5.0	0	2.4	2.3	4.9	4.9
F.F	4.6	0	5.0	0	4.7	4.7	4.7	4.3	4.5	4.5	2.7	3.5	0	0	5.0	0	4.7	2.3	2.4	2.4
REW	4.6	0	5.0	0	4.7	4.7	4.7	4.3	4.5	4.5	2.7	3.5	0	0	5.0	4.7	4.7	2.3	2.4	2.4

Ref.No.	IC6001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	0	5.0	0.3	0.3	2.4	1.3	4.6	0	2.4	2.4	0	0	0	2.4	2.4	0	2.4	5.0	5.0	4.7
PLAY	0	5.0	0.3	0	2.4	1.3	4.6	0	2.4	2.4	0	0	0	2.4	2.4	0	2.4	5.0	5.0	4.7
REC	0	5.0	4.6	0.3	2.4	1.3	4.6	0	2.4	2.4	2.7	2.7	0	2.4	2.4	0	2.4	5.0	5.0	4.7
F.F	0	5.0	0.3	0.3	2.4	1.3	4.6	0	2.4	2.4	0	0	0	2.4	2.4	0	2.4	5.0	5.0	4.7
REW	0	5.0	0.3	0.3	2.4	1.3	4.6	0	2.4	2.4	0	0	0	2.4	2.4	0	2.4	5.0	5.0	4.7

Ref.No.	IC6002					IC6003					IC6004									
MODE	1	2	3	4		1	2	3	4		1	2	3							
STOP	0	1.0	4.9	0		1.0	2.2	4.9	0		5.0	5.0	0							
PLAY	0	1.0	4.9	0		1.0	2.2	4.9	0		5.0	5.0	0							
REC	0	1.0	4.9	0		1.0	2.2	4.9	0		5.0	5.0	0							
F.F	0	1.0	2.4	0		1.0	2.2	4.9	0		5.0	5.0	0							
REW	0	1.0	2.4	0		1.0	2.2	4.9	0		5.0	5.0	0							

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

Ref.No.	Q1001			Q1003			Q1006			Q1007			Q1010			Q1504		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	+	-	
STOP	-29.1	-29.0	-28.4	5.0	5.6	5.7	5.0	5.6	5.6	5.1	5.6	5.7	5.0	5.6	5.6	4.7	0	
PLAY	-29.1	-29.0	-28.4	5.0	5.6	5.7	5.0	5.6	5.6	5.1	5.6	5.7	5.0	5.6	5.6	4.7	0	
REC	-29.4	-29.0	-28.4	5.0	5.6	5.7	5.0	5.6	5.6	5.1	5.6	5.7	5.0	5.6	5.6	4.7	0	
F.F	-29.4	-29.4	-28.7	5.0	5.6	5.7	5.0	5.6	5.6	5.1	5.6	5.7	5.0	5.6	5.6	4.7	0	
REW	-29.4	-29.4	-28.7	5.0	5.6	5.7	5.0	5.6	5.6	5.1	5.6	5.7	5.0	5.6	5.6	4.7	0	

Ref.No.	Q1505																			
MODE	+	-																		
STOP	4.9	0																		
PLAY	4.9	0																		
REC	4.9	0																		
F.F	4.9	0																		
REW	4.9	0																		

Ref.No.	QR1001						QR1005			QR2504			QR2505			QR6001		
MODE	E	C	B				E	C	B	E	C	B	E	C	B	E	C	B
STOP	5.0	4.9	0				0	5.6	0	0	0	4.7	0	0	0	4.9	0	4.7
PLAY	5.0	4.9	0				0	5.6	0	0	0	4.7	0	0	0	4.9	0	4.7
REC	5.0	4.9	0				0	5.6	0	0	0	4.7	0	0	4.4	4.9	0	4.7
F.F	5.0	4.9	0				0	5.6	0	0	1.8	0	0	0	0	4.9	0	4.7
REW	5.0	4.9	0				0	5.6	0	0	1.8	0	0	0	0	4.9	0	4.7

Ref.No.	QR6002			QR6003																
MODE	E	C	B	E	C	B														
STOP	0	0	4.7	0	0	0														
PLAY	0	0	4.7	0	4.3	0														
REC	0	0	4.7	0	0	0														
F.F	0	0	4.7	0	0	0														
REW	0	0	4.7	0	0	0														