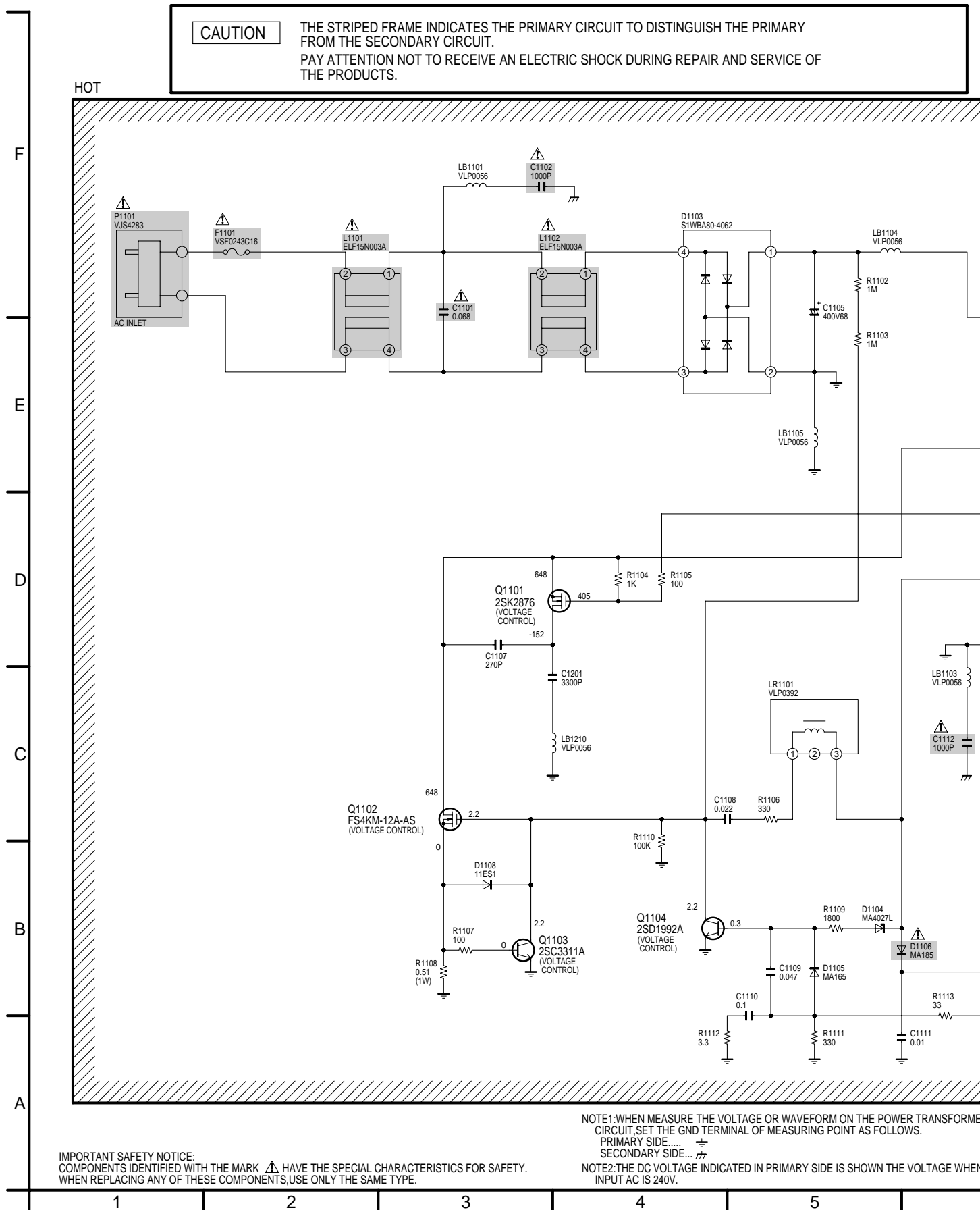


## 8 SCHEMATIC DIAGRAMS

### 8.1. POWER TRANSFORMER SECTION IN MAIN SCHEMATIC DIAGRAM



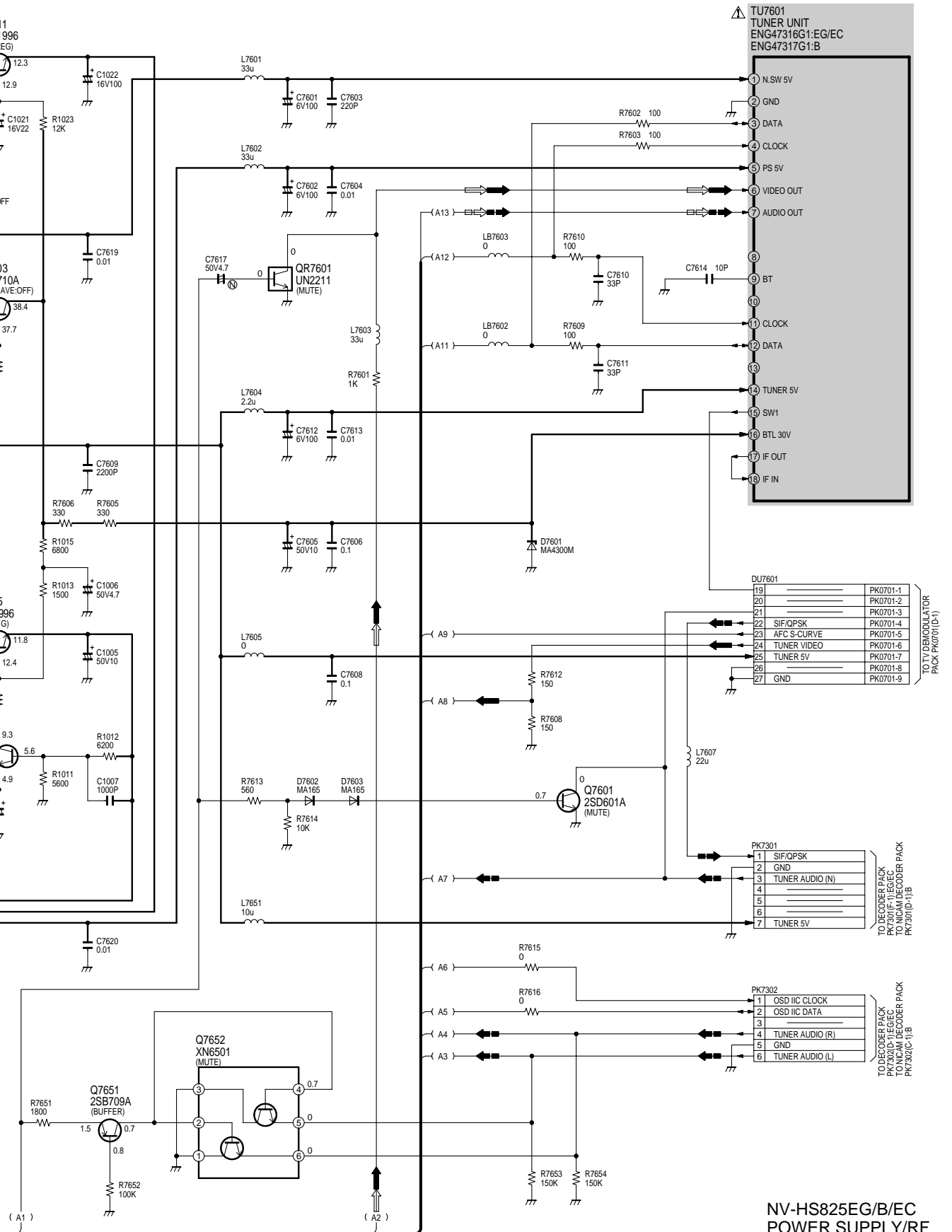




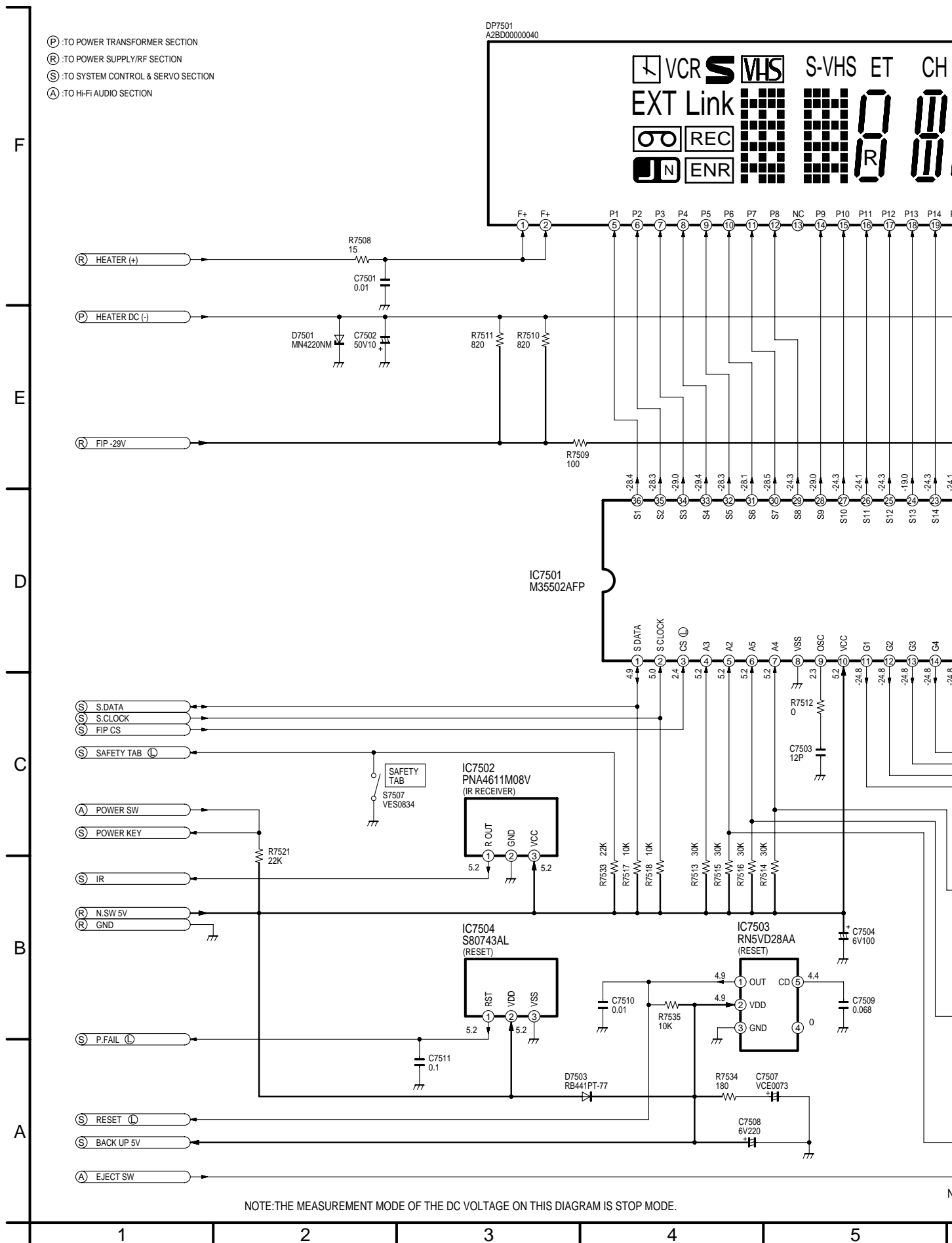
YBACK MODE

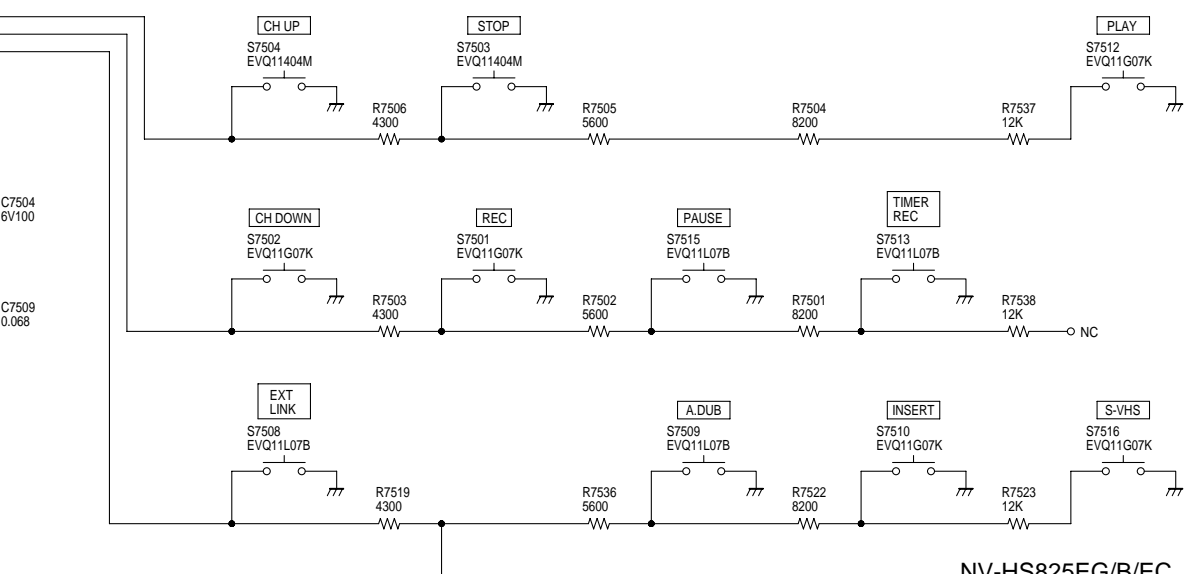
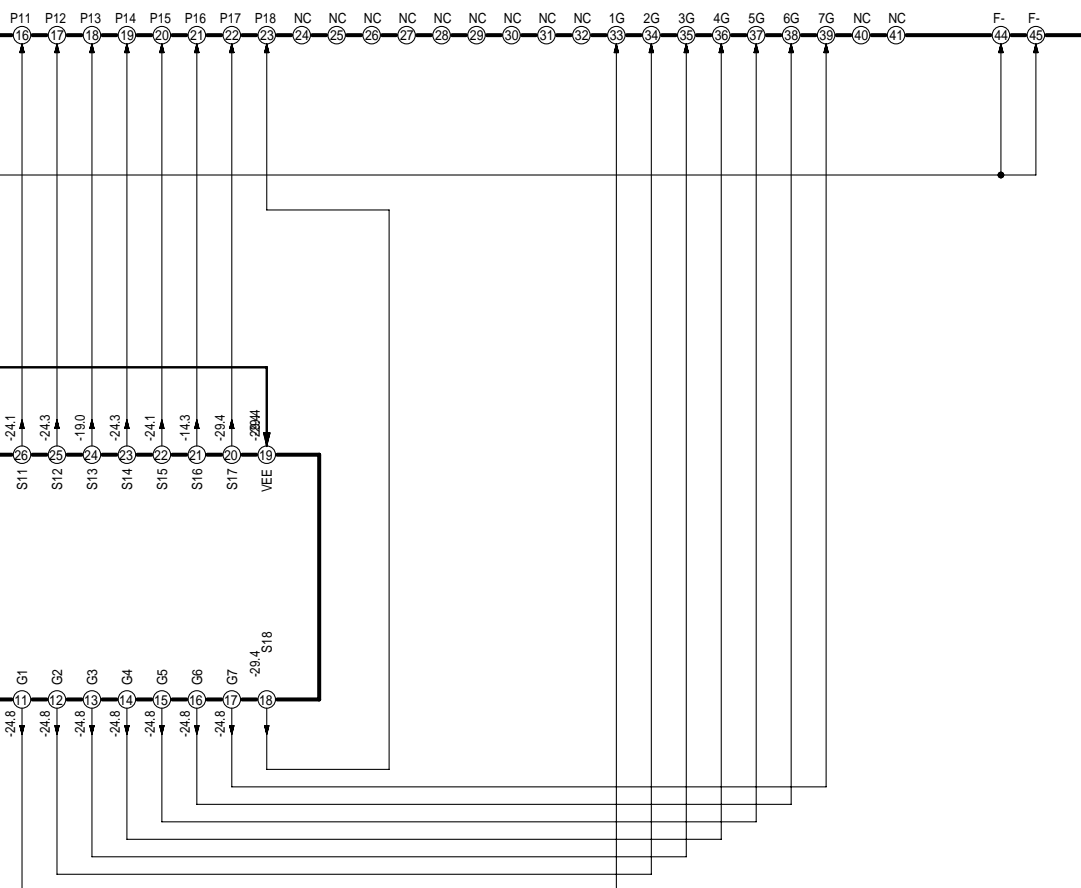
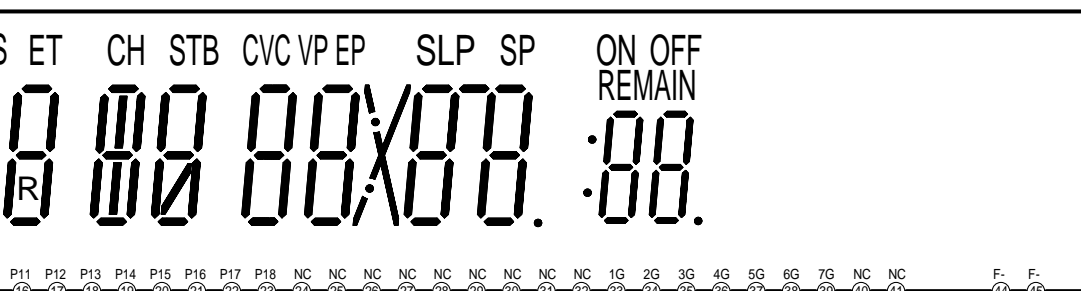
← AUDIO MAIN SIGNAL PATH IN REC MODE

↔ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



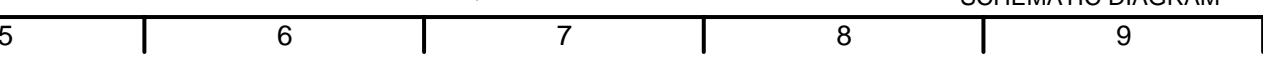
### 8.3. TIMER SECTION IN MAIN SCHEMATIC DIAGRAM





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

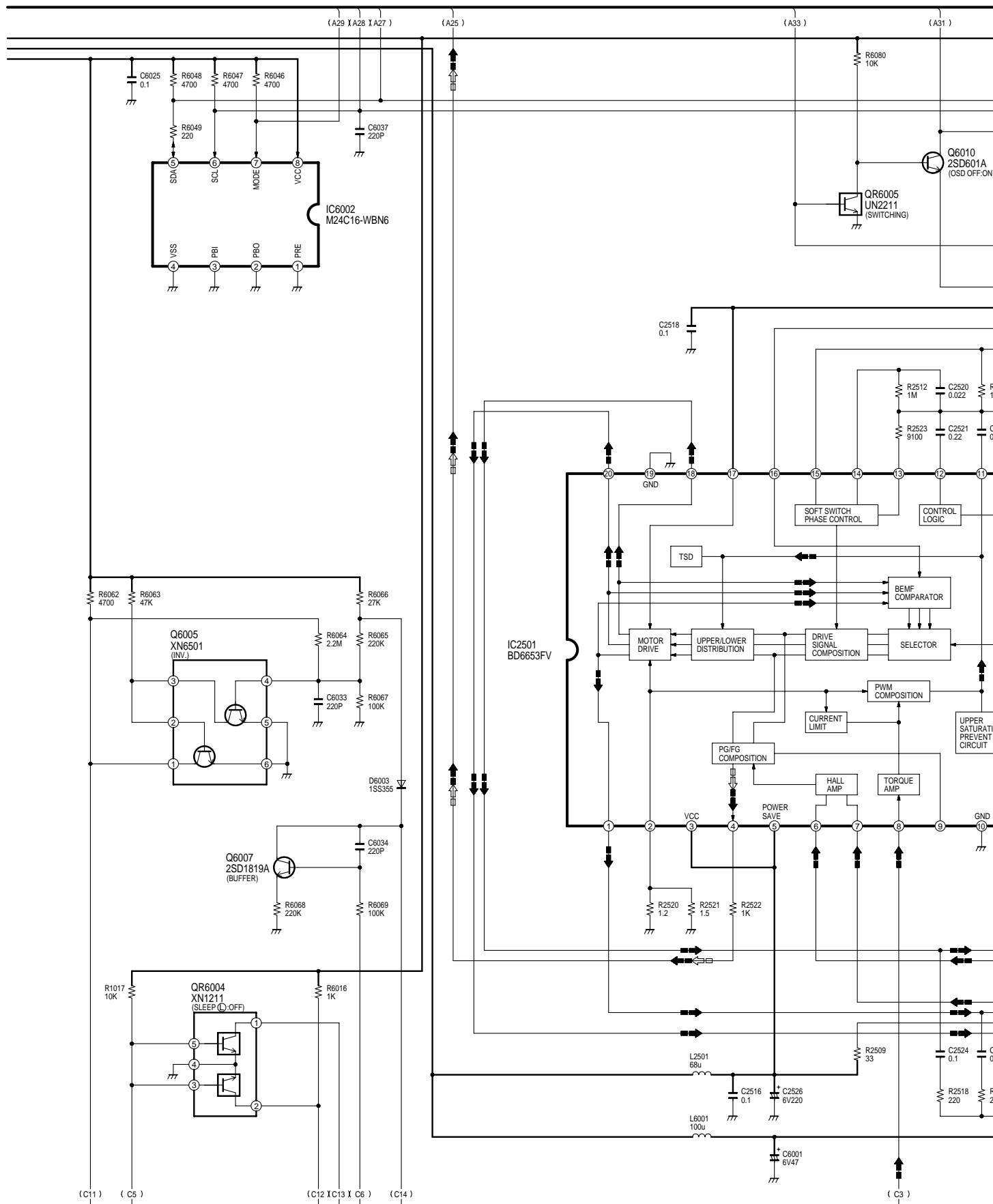
NV-HS825EG/B/EC  
TIMER SECTION IN MAIN  
SCHEMATIC DIAGRAM











NV-HS825EG/B/EC SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM

12

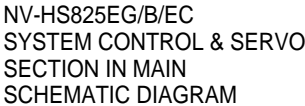
13

14

15

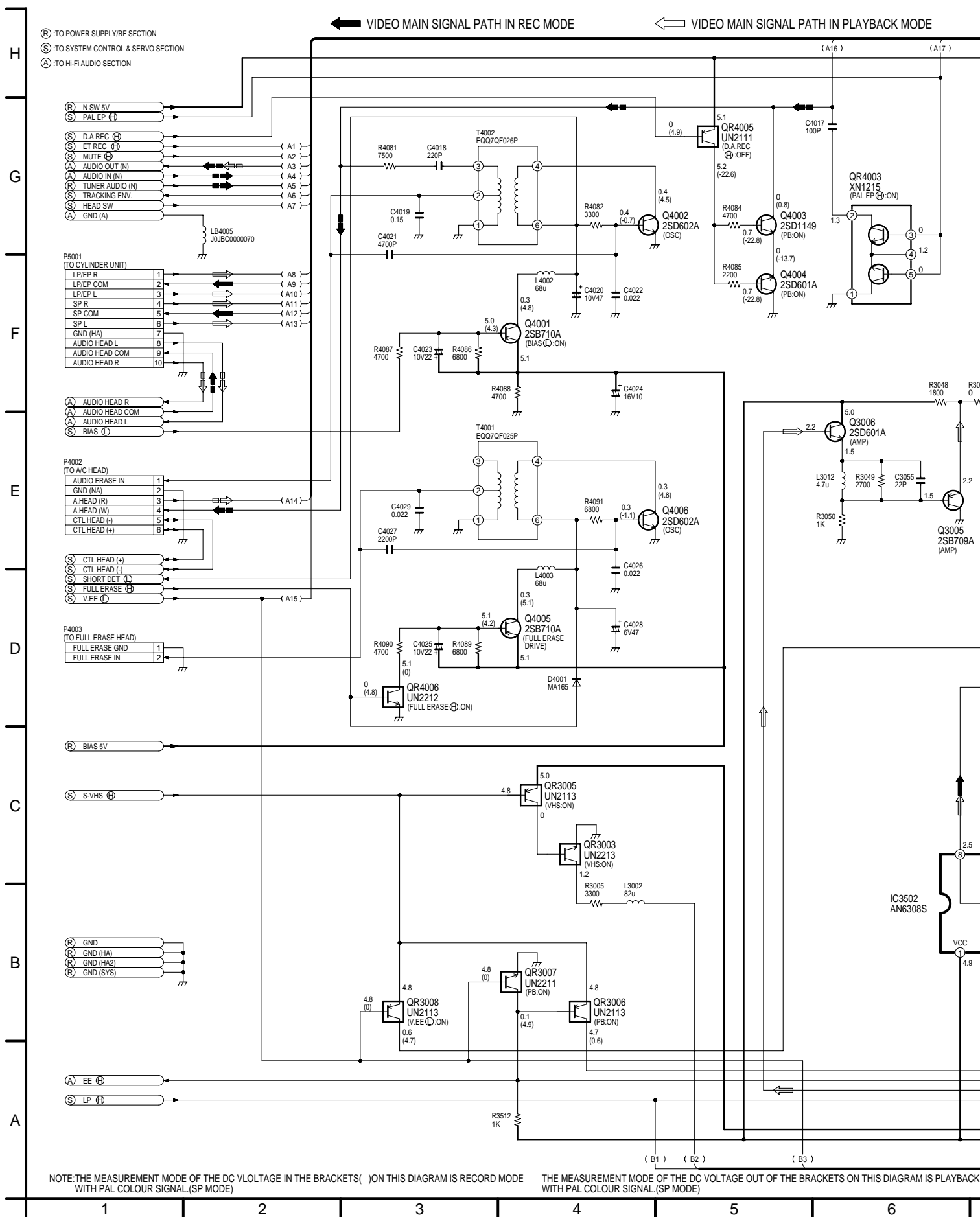
16

17



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

## 8.5. LUMINANCE & CHROMINANCE/ AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM

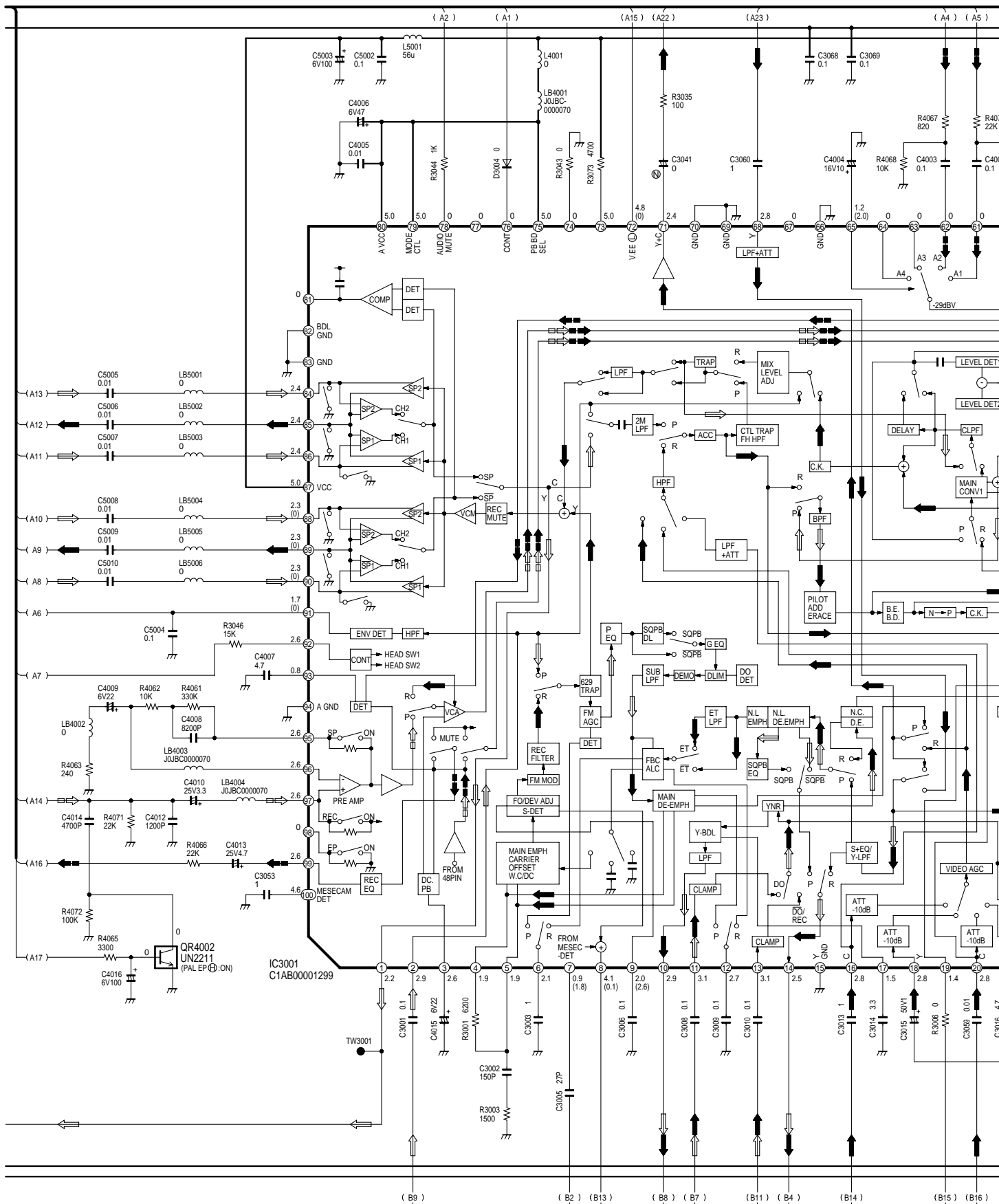


## BACK MODE

◀◻ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



NV-HS825EG/B/EC LUMINANCE & CHROMINANCE/AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



NV-HS825EG/B/EC LUMINANCE & CHROMINANCE/AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM

NOTE: DO NOT ORDER

12

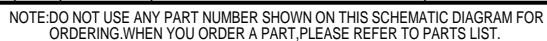
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14

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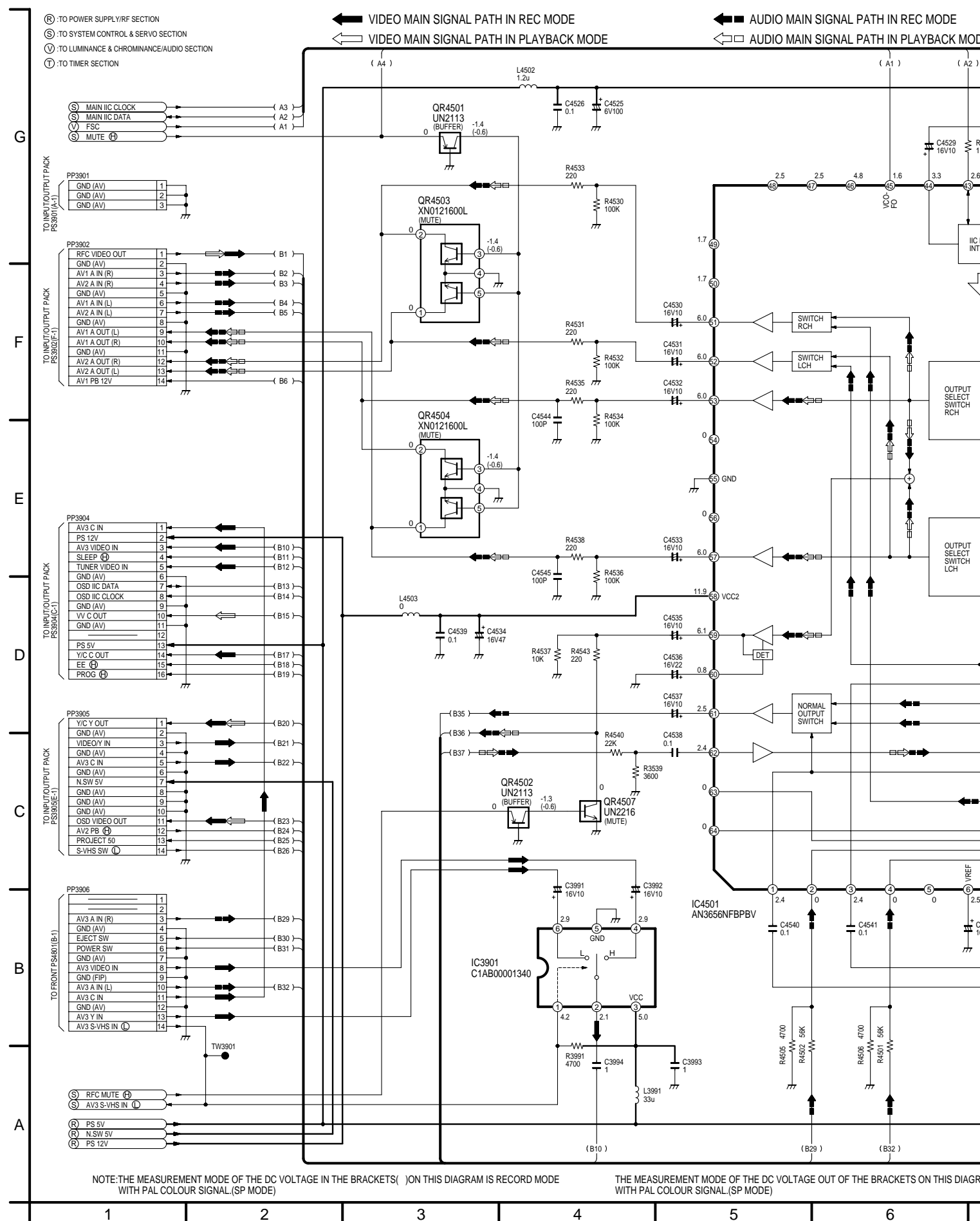
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17



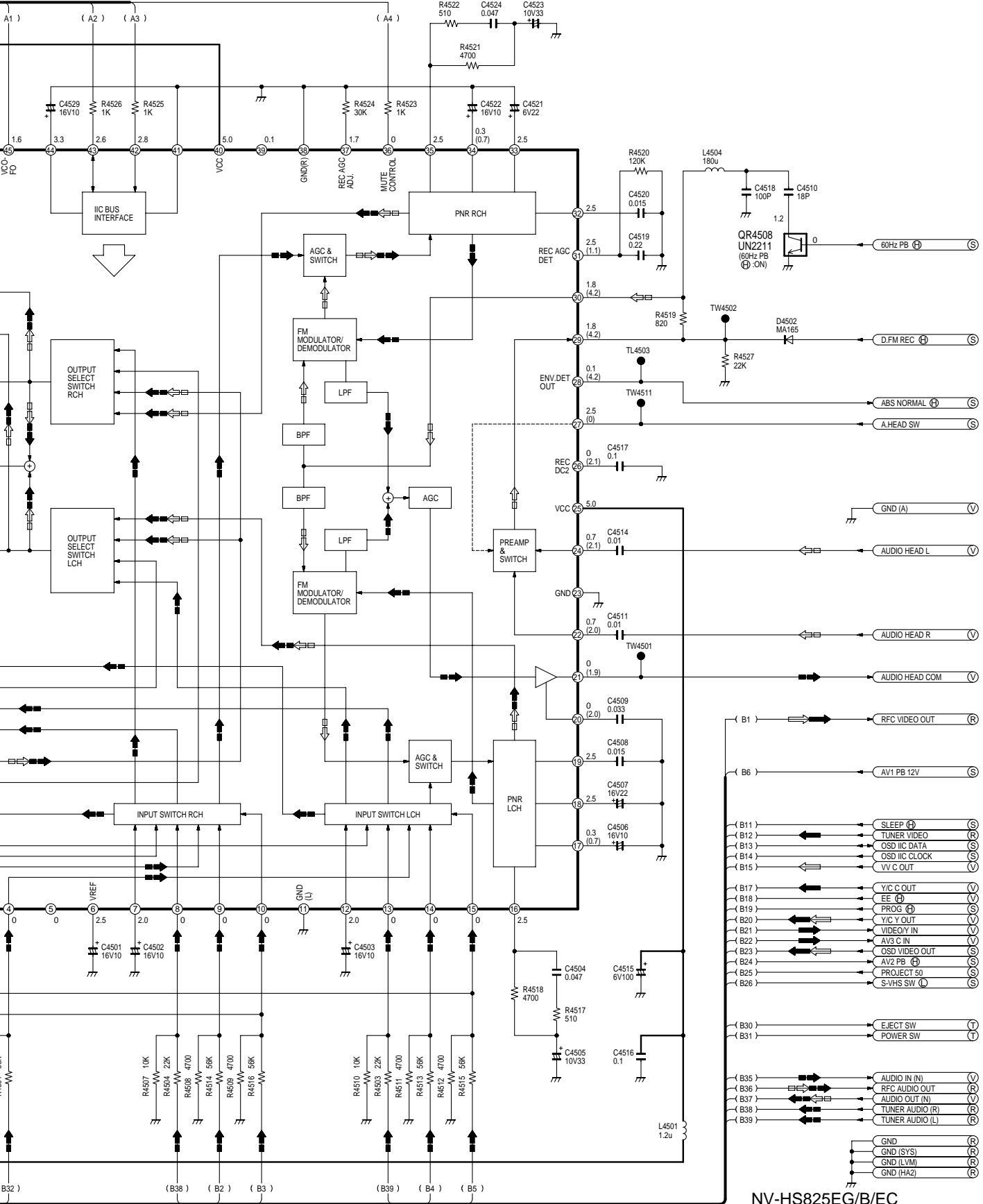
43

## 8.6. Hi-Fi AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



IN REC MODE

IN PLAYBACK MODE



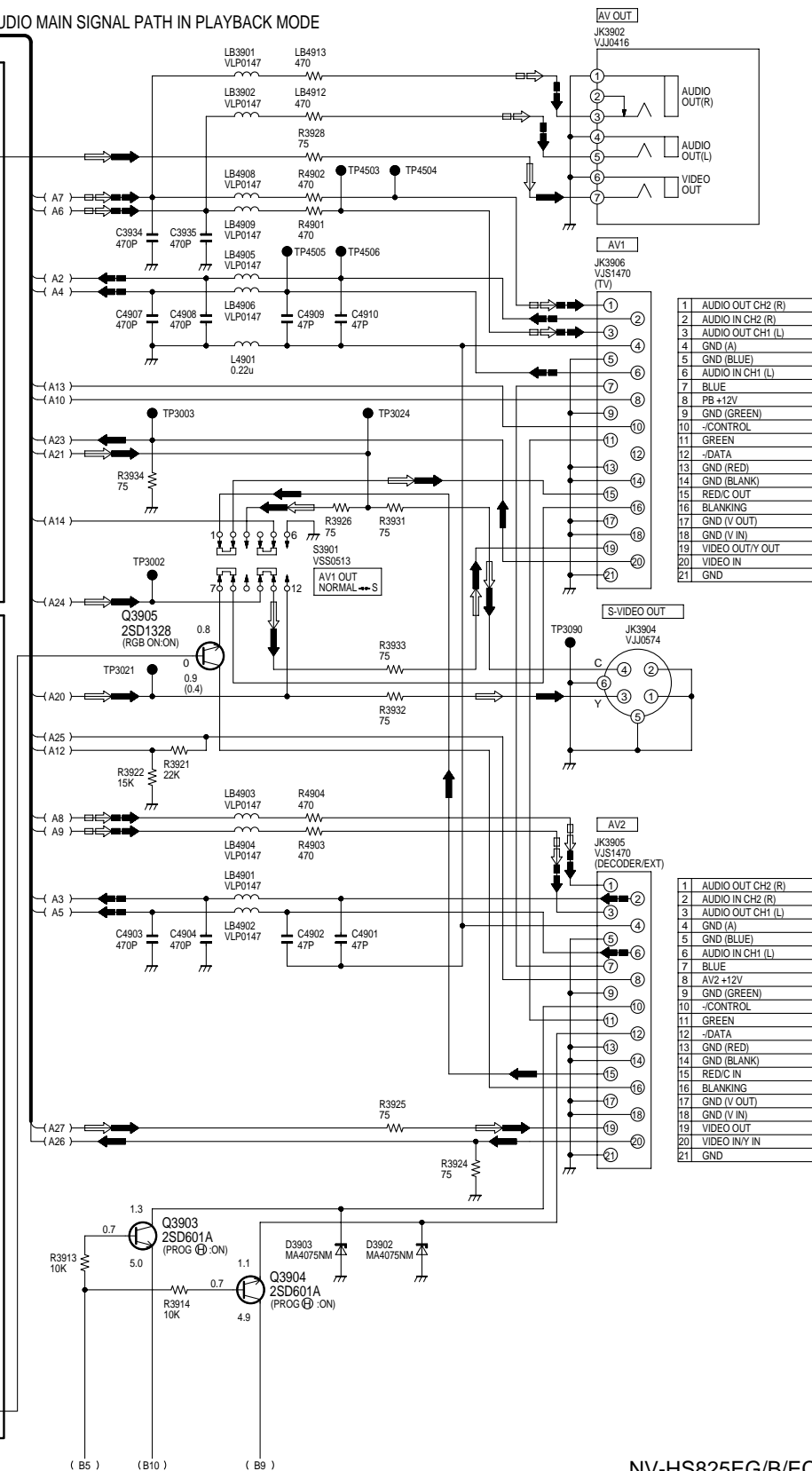
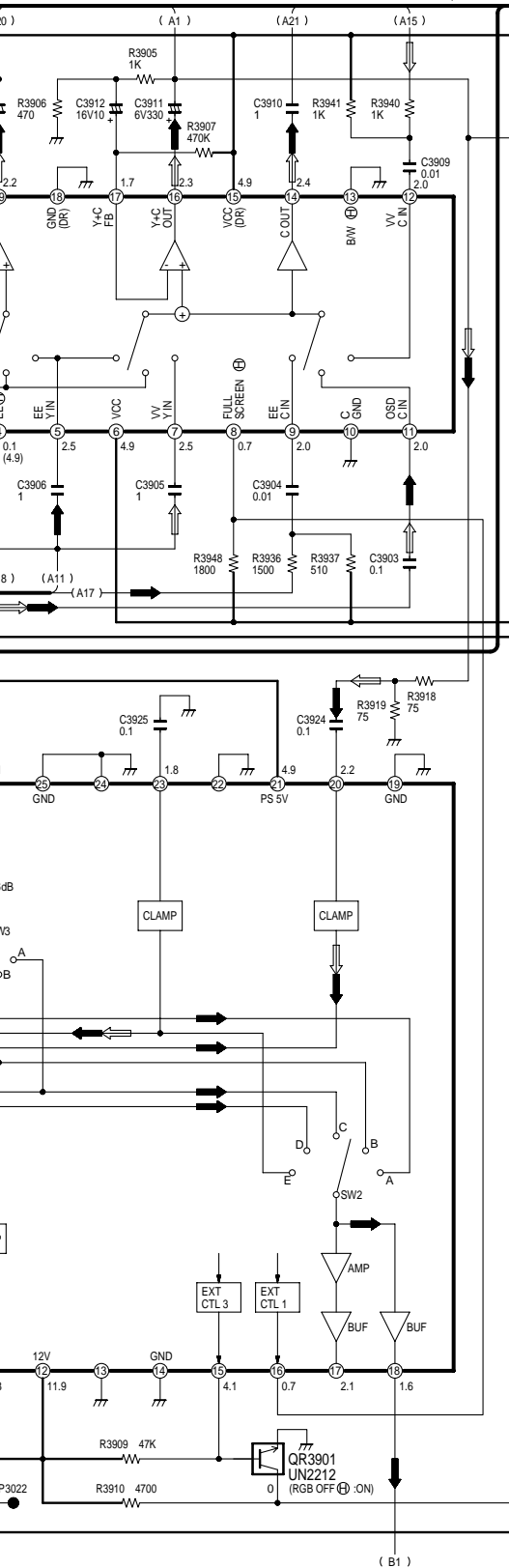
PACKETS ON THIS DIAGRAM IS PLAYBACK MODE

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

NV-HS825EG/B/EC  
Hi-Fi AUDIO SECTION IN MAIN  
SCHEMATIC DIAGRAM







1	AUDIO OUT CH2 (R)
2	AUDIO IN CH2 (R)
3	AUDIO OUT CH1 (L)
4	GND (A)
5	GND (BLUE)
6	AUDIO IN CH1 (L)
7	BLUE
8	PB +12V
9	GND (GREEN)
10	-CONTROL
11	GREEN
12	-DATA
13	GND (RED)
14	GND (BLANK)
15	RED/C OUT
16	BLANKING
17	GND (V OUT)
18	GND (V IN)
19	VIDEO OUT/Y OUT
20	VIDEO IN
21	GND

1	AUDIO OUT CH2 (R)
2	AUDIO IN CH2 (R)
3	AUDIO OUT CH1 (L)
4	GND (A)
5	GND (BLUE)
6	AUDIO IN CH1 (L)
7	BLUE
8	AV2 +12V
9	GND (GREEN)
10	-CONTROL
11	GREEN
12	-DATA
13	GND (RED)
14	GND (BLANK)
15	RED C IN
16	BLANKING
17	GND (V OUT)
18	GND (V IN)
19	VIDEO OUT
20	VIDEO IN/Y IN
21	GND

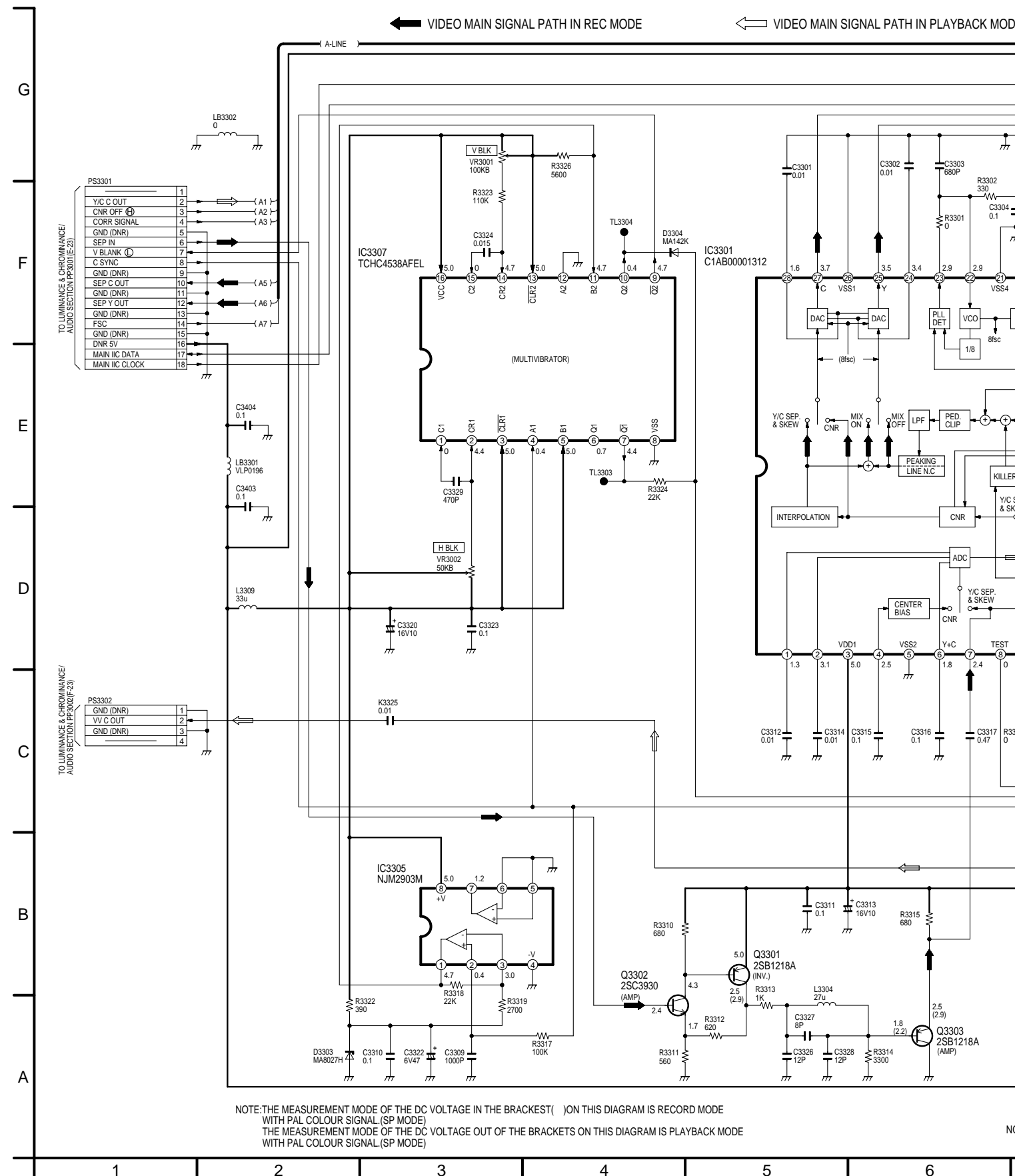
24. 512

UT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE

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

# NV-HS825EG/B/EC INPUT/OUTPUT PACK SCHEMATIC DIAGRAM

## 8.8. DNR PACK SCHEMATIC DIAGRAM



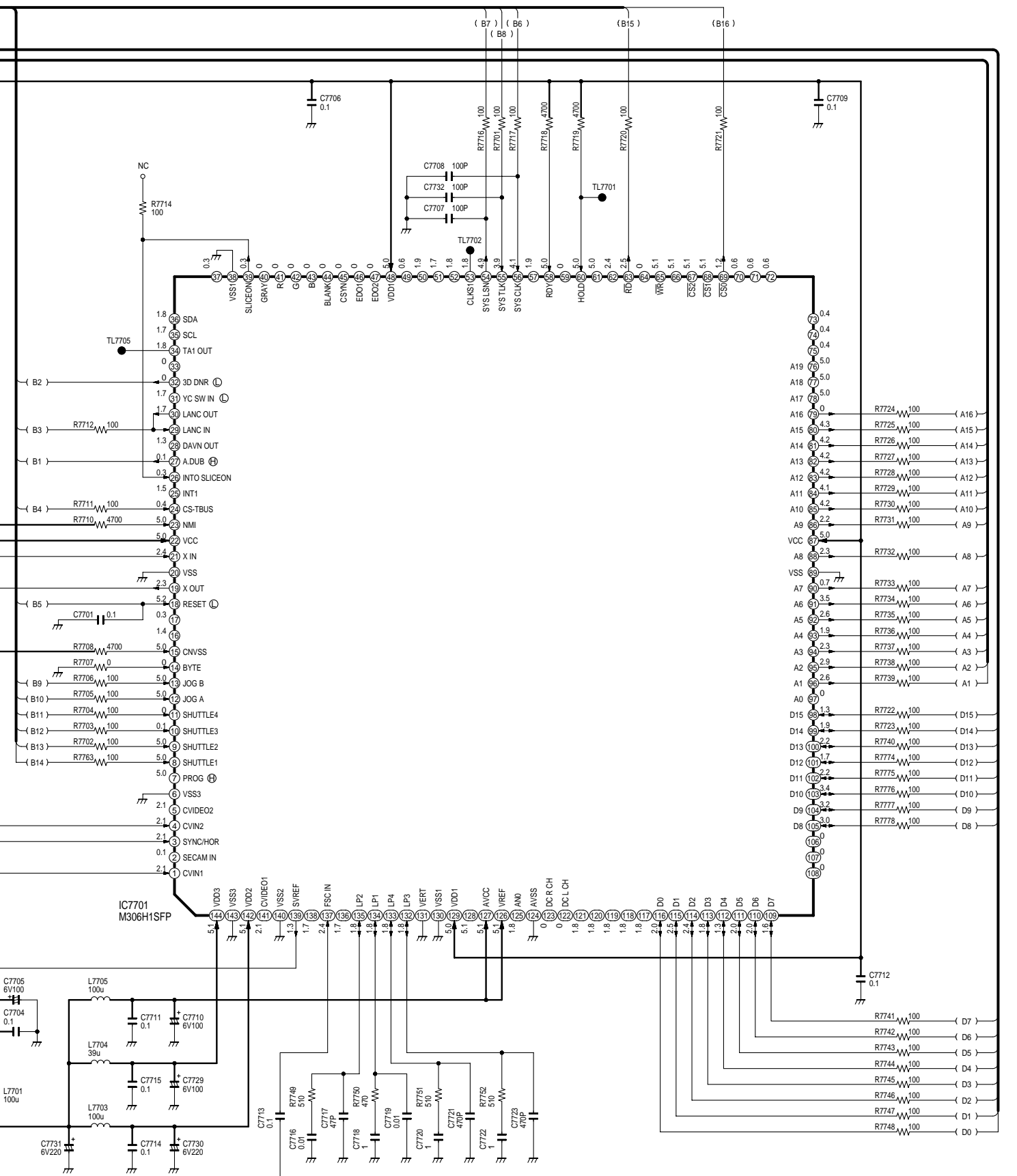
The schematic diagram illustrates the internal circuitry of a video receiver, organized into several functional sections:

- Power and Tuning Section (Top Left):** Includes a PLL DET, VCO, and frequency dividers (1/8, 1/2, 4fsc, 8fsc). It features various capacitors (C3303, C3307, C3308, C3305, C3306, C3304, C3303, C3304) and resistors (R3301, R3302, R3303, R3304, R3305, R3306, R3307, R3308, R3309, R3310, R3311, R3312, R3313, R3314, R3315, R3316, R3317, R3318, R3319, R3320, R3321, R3322, R3323, R3324, R3325, R3326, R3327, R3328, R3329, R3330, R3331, R3332, R3333, R3334, R3335, R3336, R3337, R3338, R3339, R3340, R3341, R3342, R3343, R3344, R3345, R3346, R3347, R3348, R3349, R3350, R3351, R3352, R3353, R3354, R3355, R3356, R3357, R3358, R3359, R3360, R3361, R3362, R3363, R3364, R3365, R3366, R3367, R3368, R3369, R3370, R3371, R3372, R3373, R3374, R3375, R3376, R3377, R3378, R3379, R3380, R3381, R3382, R3383, R3384, R3385, R3386, R3387, R3388, R3389, R3390, R3391, R3392, R3393, R3394, R3395, R3396, R3397, R3398, R3399, R3400, R3401, R3402, R3403, R3404, R3405, R3406, R3407, R3408, R3409, R3410, R3411, R3412, R3413, R3414, R3415, R3416, R3417, R3418, R3419, R3420, R3421, R3422, R3423, R3424, R3425, R3426, R3427, R3428, R3429, R3430, R3431, R3432, R3433, R3434, R3435, R3436, R3437, R3438, R3439, R3440, R3441, R3442, R3443, R3444, R3445, R3446, R3447, R3448, R3449, R3450, R3451, R3452, R3453, R3454, R3455, R3456, R3457, R3458, R3459, R3460, R3461, R3462, R3463, R3464, R3465, R3466, R3467, R3468, R3469, R3470, R3471, R3472, R3473, R3474, R3475, R3476, R3477, R3478, R3479, R3480, R3481, R3482, R3483, R3484, R3485, R3486, R3487, R3488, R3489, R3490, R3491, R3492, R3493, R3494, R3495, R3496, R3497, R3498, R3499, R3500, R3501, R3502, R3503, R3504, R3505, R3506, R3507, R3508, R3509, R3510, R3511, R3512, R3513, R3514, R3515, R3516, R3517, R3518, R3519, R3520, R3521, R3522, R3523, R3524, R3525, R3526, R3527, R3528, R3529, R3530, R3531, R3532, R3533, R3534, R3535, R3536, R3537, R3538, R3539, R3540, R3541, R3542, R3543, R3544, R3545, R3546, R3547, R3548, R3549, R3550, R3551, R3552, R3553, R3554, R3555, R3556, R3557, R3558, R3559, R3560, R3561, R3562, R3563, R3564, R3565, R3566, R3567, R3568, R3569, R3570, R3571, R3572, R3573, R3574, R3575, R3576, R3577, R3578, R3579, R3580, R3581, R3582, R3583, R3584, R3585, R3586, R3587, R3588, R3589, R3590, R3591, R3592, R3593, R3594, R3595, R3596, R3597, R3598, R3599, R3600, R3601, R3602, R3603, R3604, R3605, R3606, R3607, R3608, R3609, R3610, R3611, R3612, R3613, R3614, R3615, R3616, R3617, R3618, R3619, R3620, R3621, R3622, R3623, R3624, R3625, R3626, R3627, R3628, R3629, R3630, R3631, R3632, R3633, R3634, R3635, R3636, R3637, R3638, R3639, R3640, R3641, R3642, R3643, R3644, R3645, R3646, R3647, R3648, R3649, R3650, R3651, R3652, R3653, R3654, R3655, R3656, R3657, R3658, R3659, R3660, R3661, R3662, R3663, R3664, R3665, R3666, R3667, R3668, R3669, R3670, R3671, R3672, R3673, R3674, R3675, R3676, R3677, R3678, R3679, R3680, R3681, R3682, R3683, R3684, R3685, R3686, R3687, R3688, R3689, R3690, R3691, R3692, R3693, R3694, R3695, R3696, R3697, R3698, R3699, R3700, R3701, R3702, R3703, R3704, R3705, R3706, R3707, R3708, R3709, R3710, R3711, R3712, R3713, R3714, R3715, R3716, R3717, R3718, R3719, R3720, R3721, R3722, R3723, R3724, R3725, R3726, R3727, R3728, R3729, R3730, R3731, R3732, R3733, R3734, R3735, R3736, R3737, R3738, R3739, R3740, R3741, R3742, R3743, R3744, R3745, R3746, R3747, R3748, R3749, R3750, R3751, R3752, R3753, R3754, R3755, R3756, R3757, R3758, R3759, R3760, R3761, R3762, R3763, R3764, R3765, R3766, R3767, R3768, R3769, R3770, R3771, R3772, R3773, R3774, R3775, R3776, R3777, R3778, R3779, R3780, R3781, R3782, R3783, R3784, R3785, R3786, R3787, R3788, R3789, R3790, R3791, R3792, R3793, R3794, R3795, R3796, R3797, R3798, R3799, R3800, R3801, R3802, R3803, R3804, R3805, R3806, R3807, R3808, R3809, R3810, R3811, R3812, R3813, R3814, R3815, R3816, R3817, R3818, R3819, R3820, R3821, R3822, R3823, R3824, R3825, R3826, R3827, R3828, R3829, R3830, R3831, R3832, R3833, R3834, R3835, R3836, R3837, R3838, R3839, R3840, R3841, R3842, R3843, R3844, R3845, R3846, R3847, R3848, R3849, R3850, R3851, R3852, R3853, R3854, R3855, R3856, R3857, R3858, R3859, R3860, R3861, R3862, R3863, R3864, R3865, R3866, R3867, R3868, R3869, R3870, R3871, R3872, R3873, R3874, R3875, R3876, R3877, R3878, R3879, R3880, R3881, R3882, R3883, R3884, R3885, R3886, R3887, R3888, R3889, R3890, R3891, R3892, R3893, R3894, R3895, R3896, R3897, R3898, R3899, R3900, R3901, R3902, R3903, R3904, R3905, R3906, R3907, R3908, R3909, R3910, R3911, R3912, R3913, R3914, R3915, R3916, R3917, R3918, R3919, R3920, R3921, R3922, R3923, R3924, R3925, R3926, R3927, R3928, R3929, R3930, R3931, R3932, R3933, R3934, R3935, R3936, R3937, R3938, R3939, R3940, R3941, R3942, R3943, R3944, R3945, R3946, R3947, R3948, R3949, R3950, R3951, R3952, R3953, R3954, R3955, R3956, R3957

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

NV-HS825EG/B/EC  
DNR PACK SCHEMATIC DIAGRAM

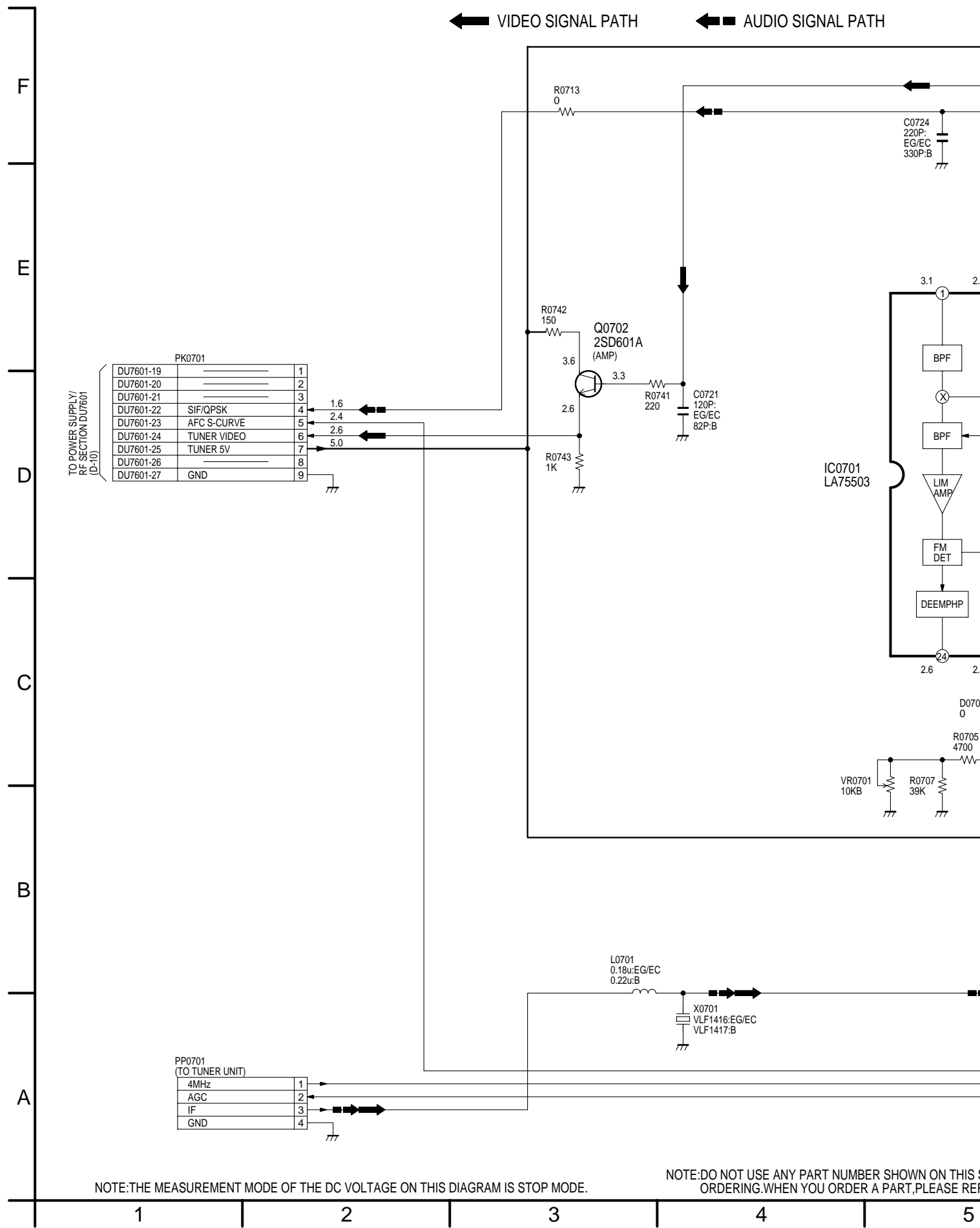


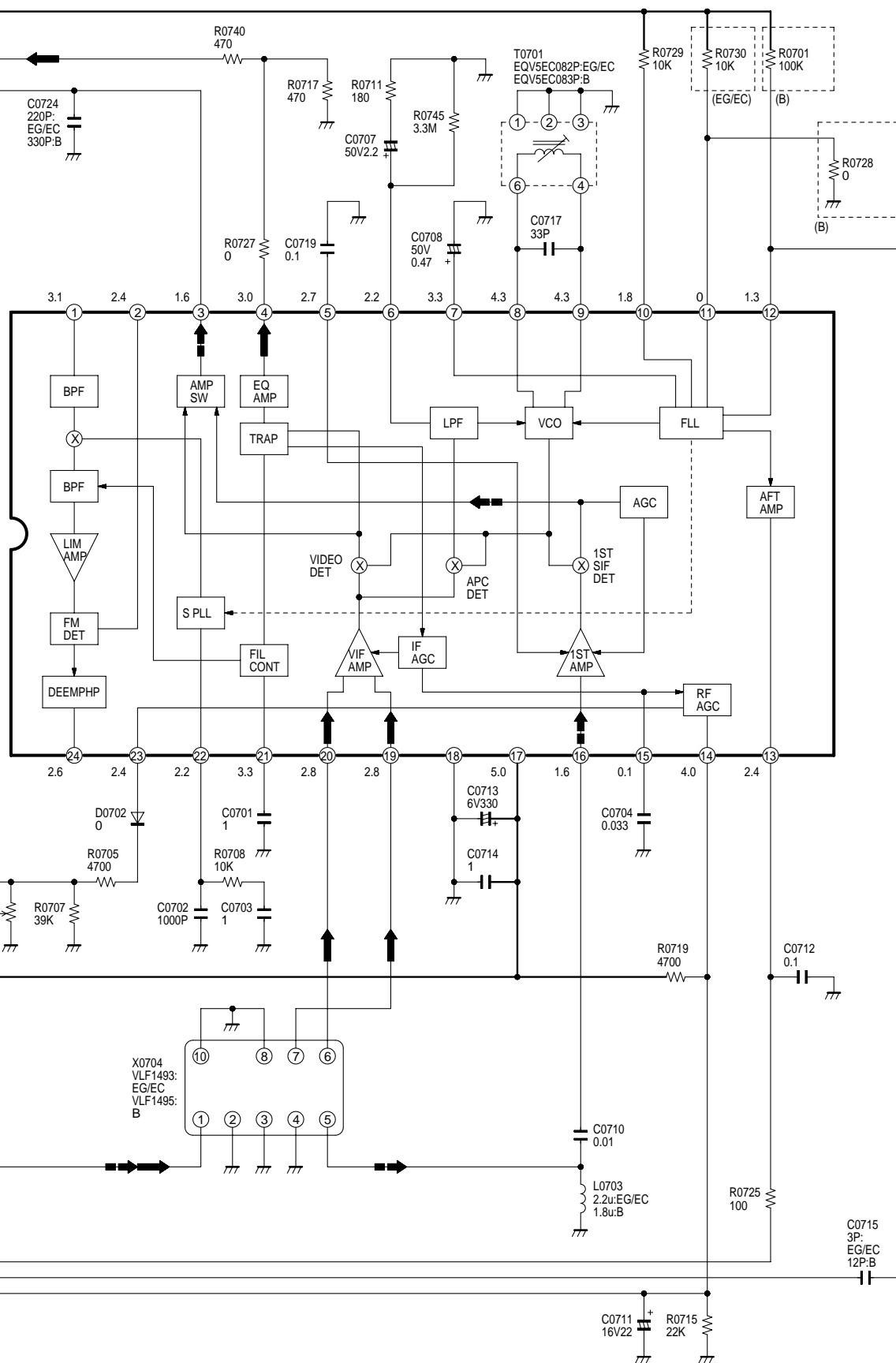


NOTE:DO NOT USE PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

NV-HS825EG/B/EC  
OSD/SECAM SCHEMATIC DIAGRAM

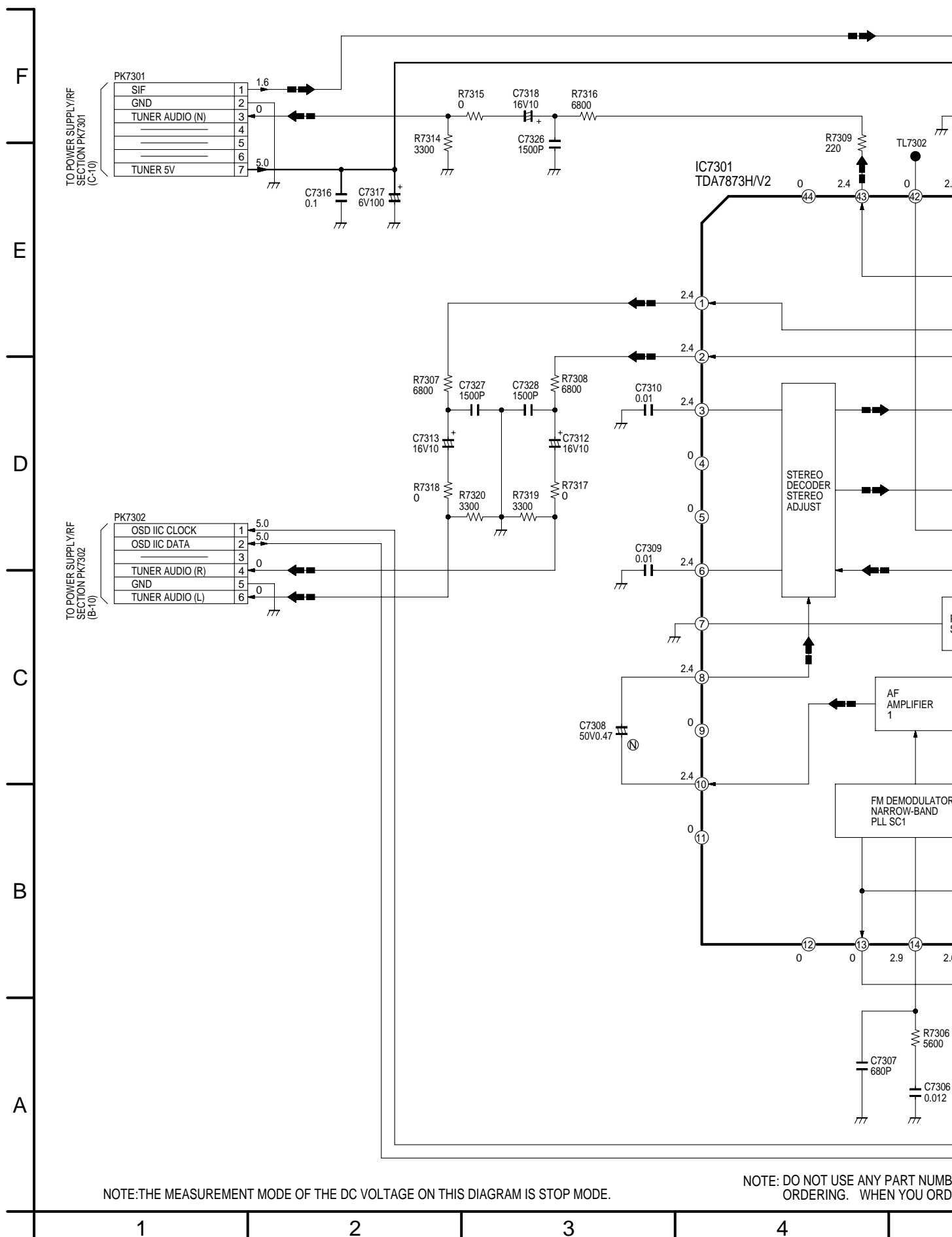
8.10. TV DEMODULATOR PACK SCHEMATIC DIAGRAM

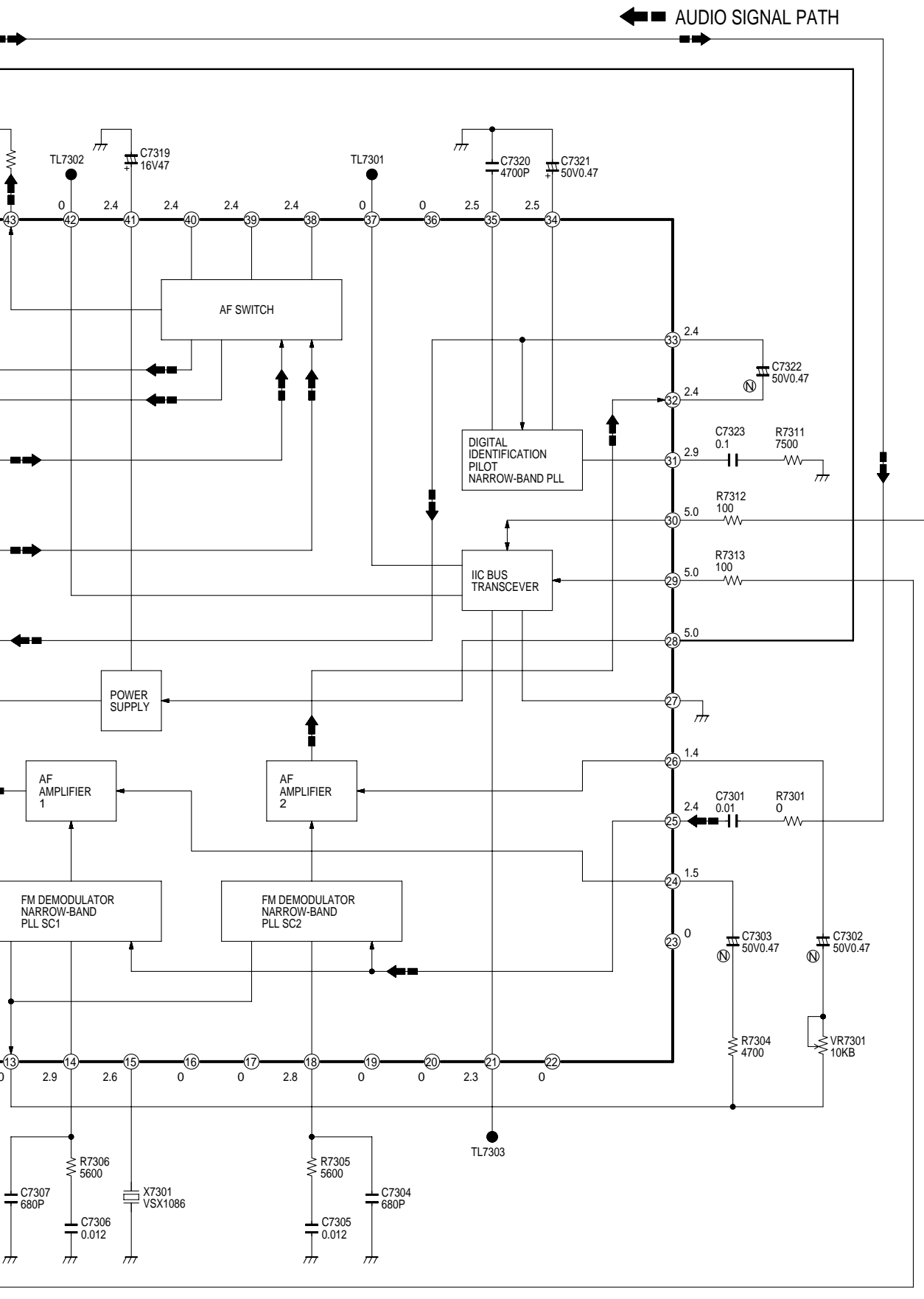






## 8.11. DECODER PACK SCHEMATIC DIAGRAM (NV-HS825EG)





NV-HS825EG  
DECODER PACK SCHEMATIC DIAGRAM

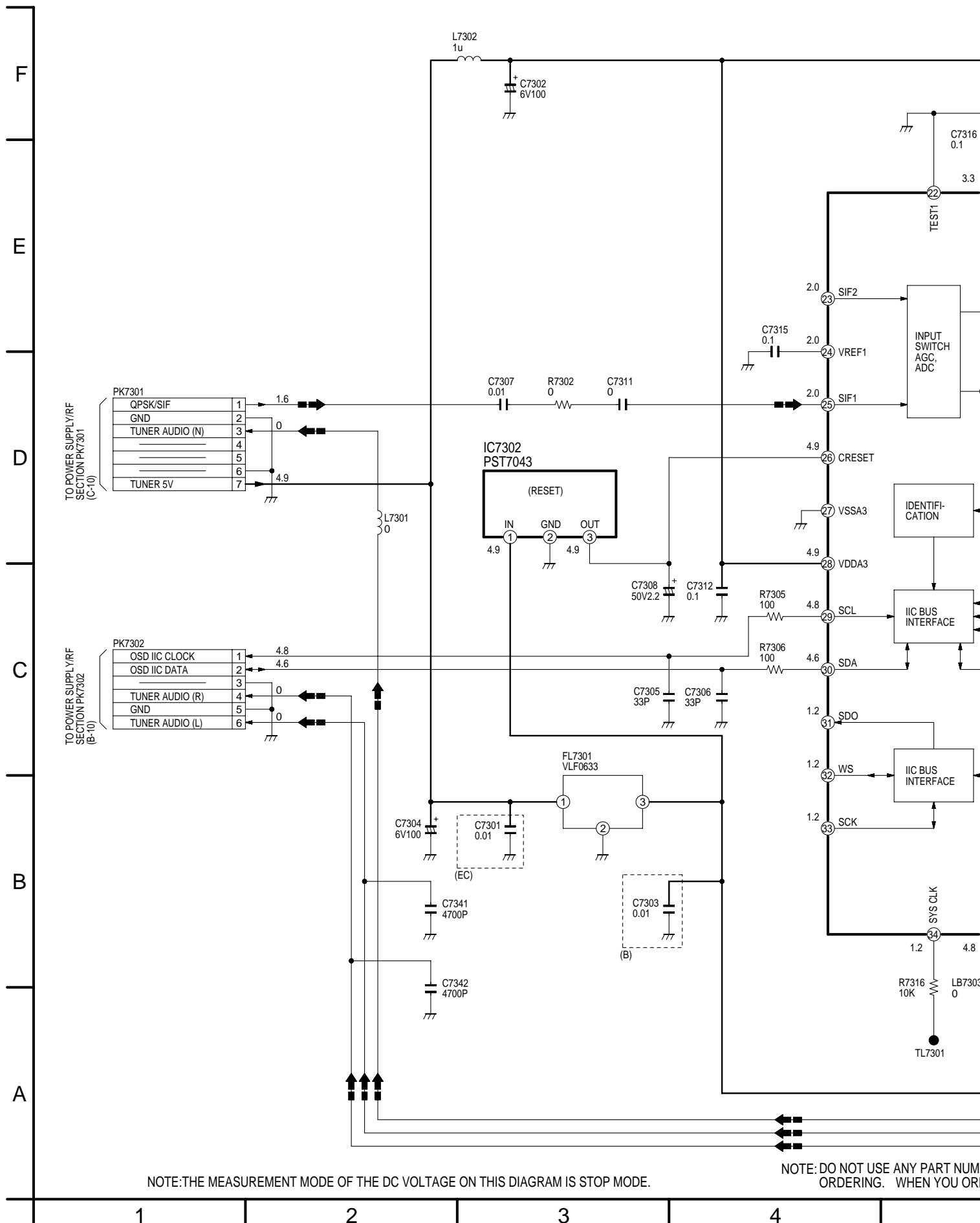
5

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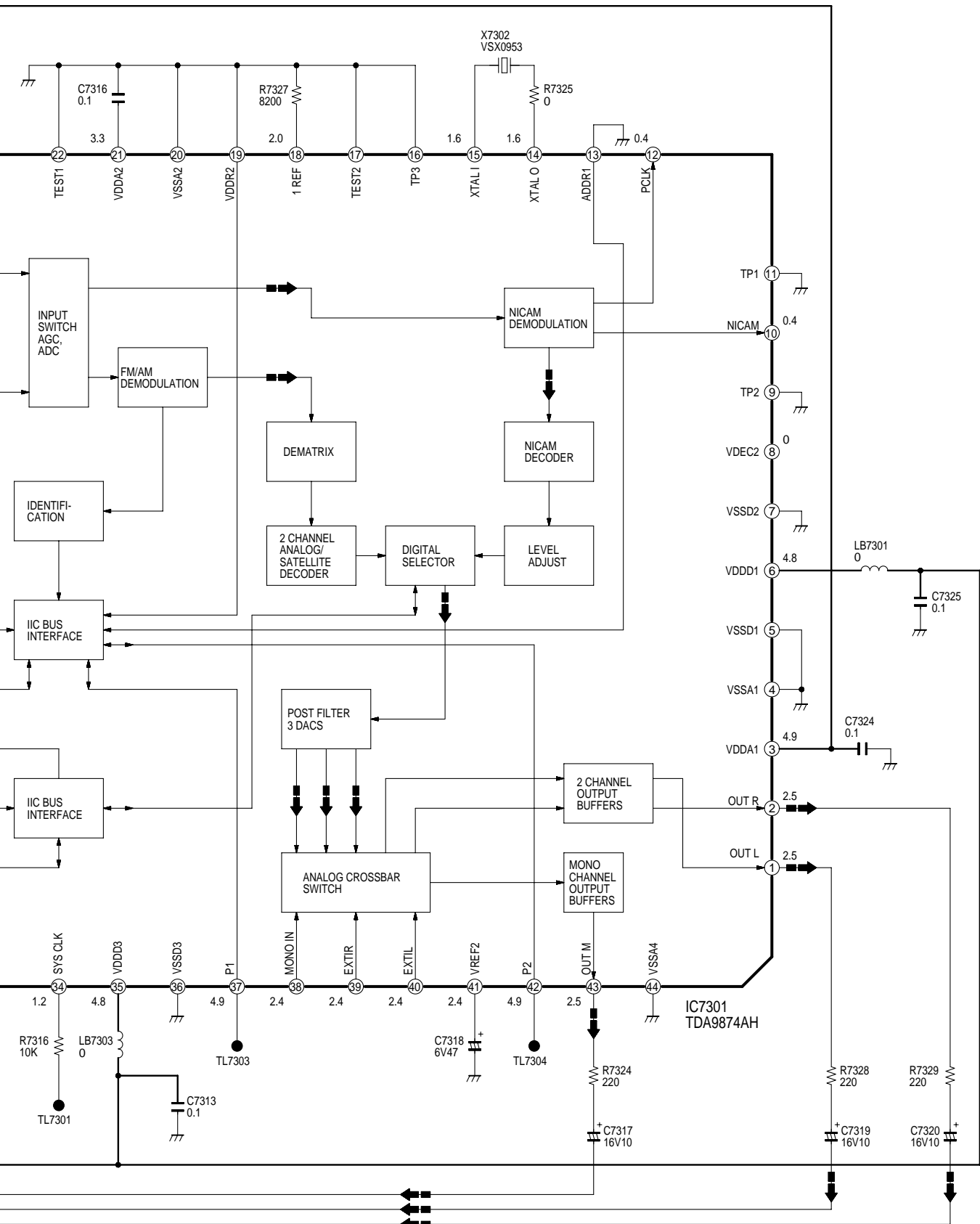
8

## 8.12. NICAM DECODER PACK SCHEMATIC DIAGRAM (NV-HS825B/EC)





## ← AUDIO SIGNAL PATH



IF ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR  
WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NV-HS825B/EC  
NICAM DECODER PACK SCHEMATIC DIAGRAM

5

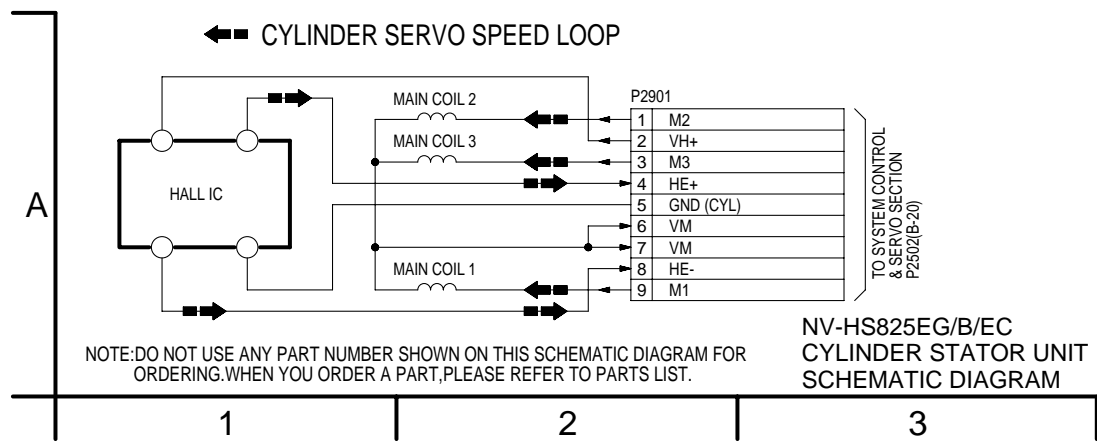
6

7

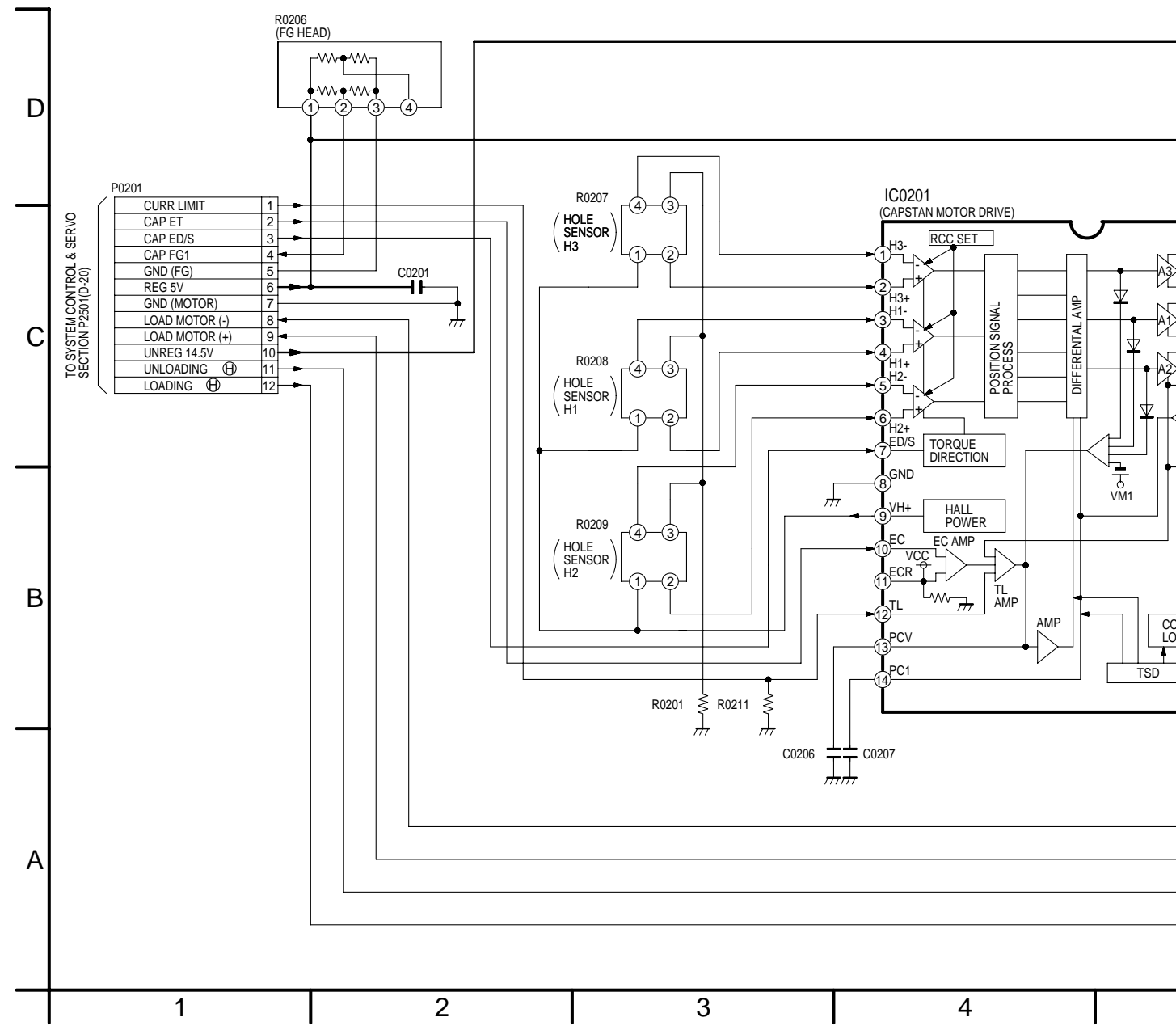
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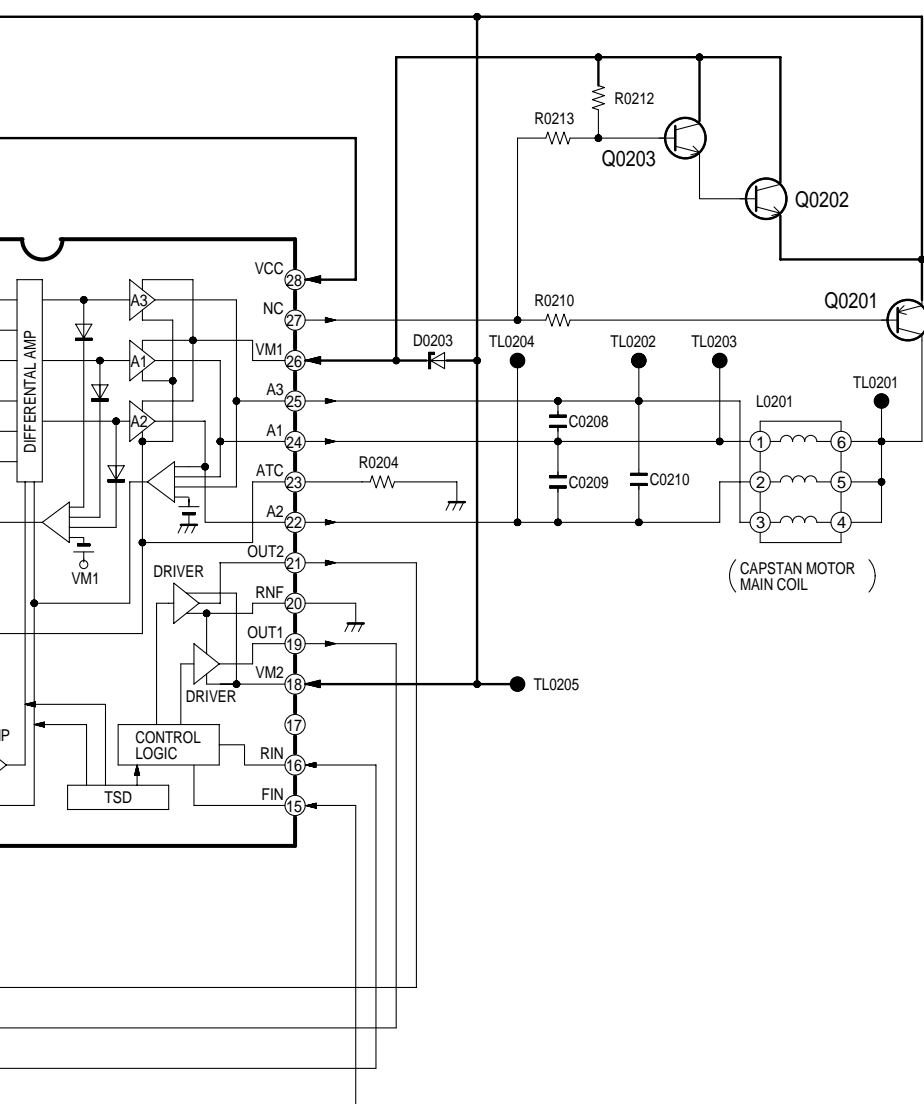


### 8.13. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM



### 8.14. CAPSTAN UNIT SCHEMATIC DIAGRAM





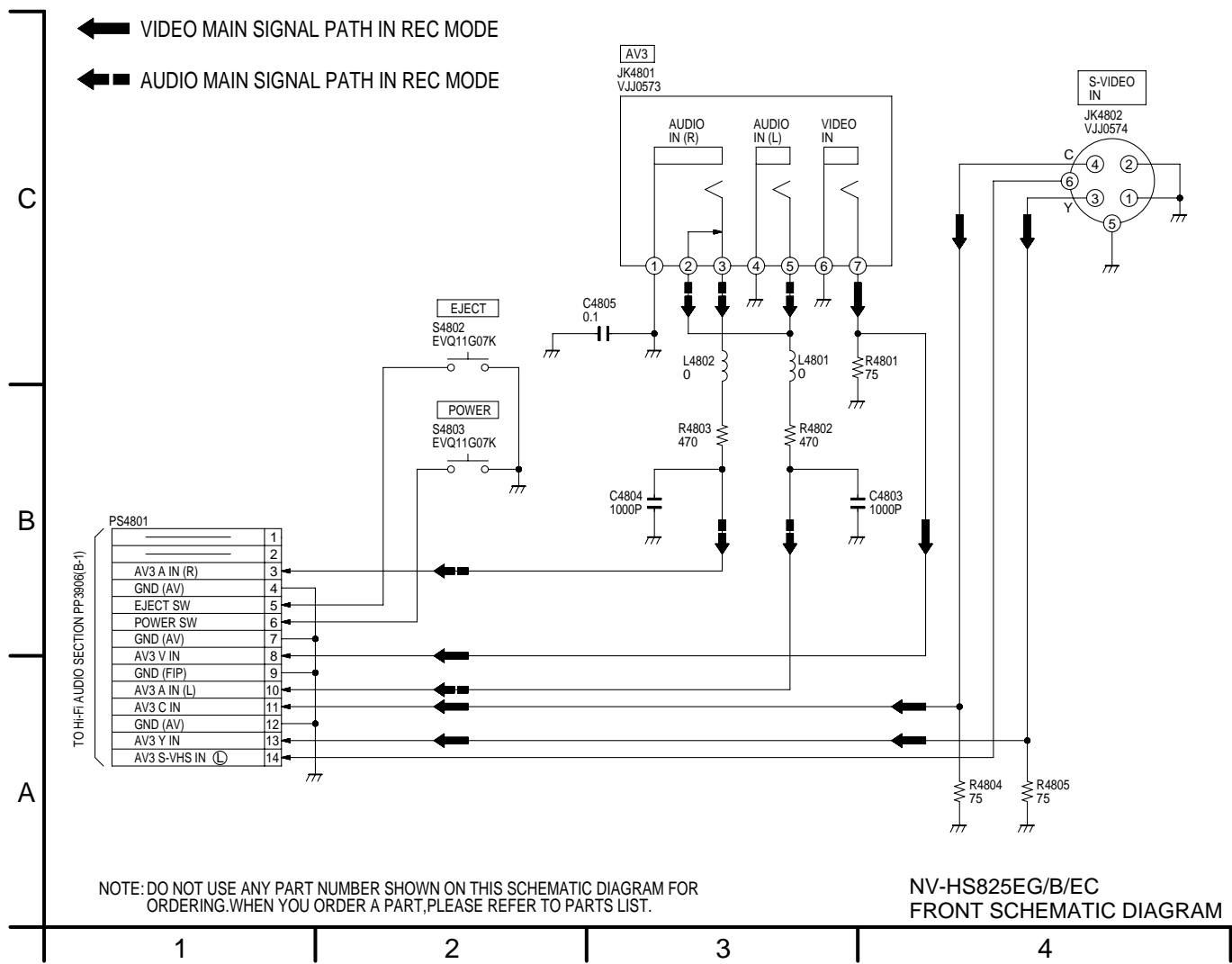
NV-HS825EG/B/EC  
CAPSTAN UNIT SCHEMATIC DIAGRAM

5

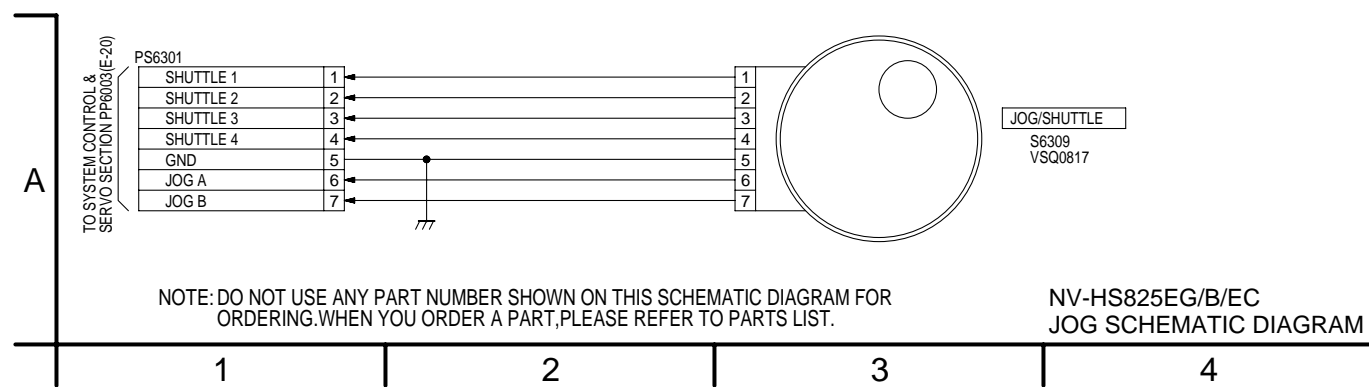
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7

8.15. FRONT SCHEMATIC DIAGRAM



8.16. JOG SCHEMATIC DIAGRAM





1

1

