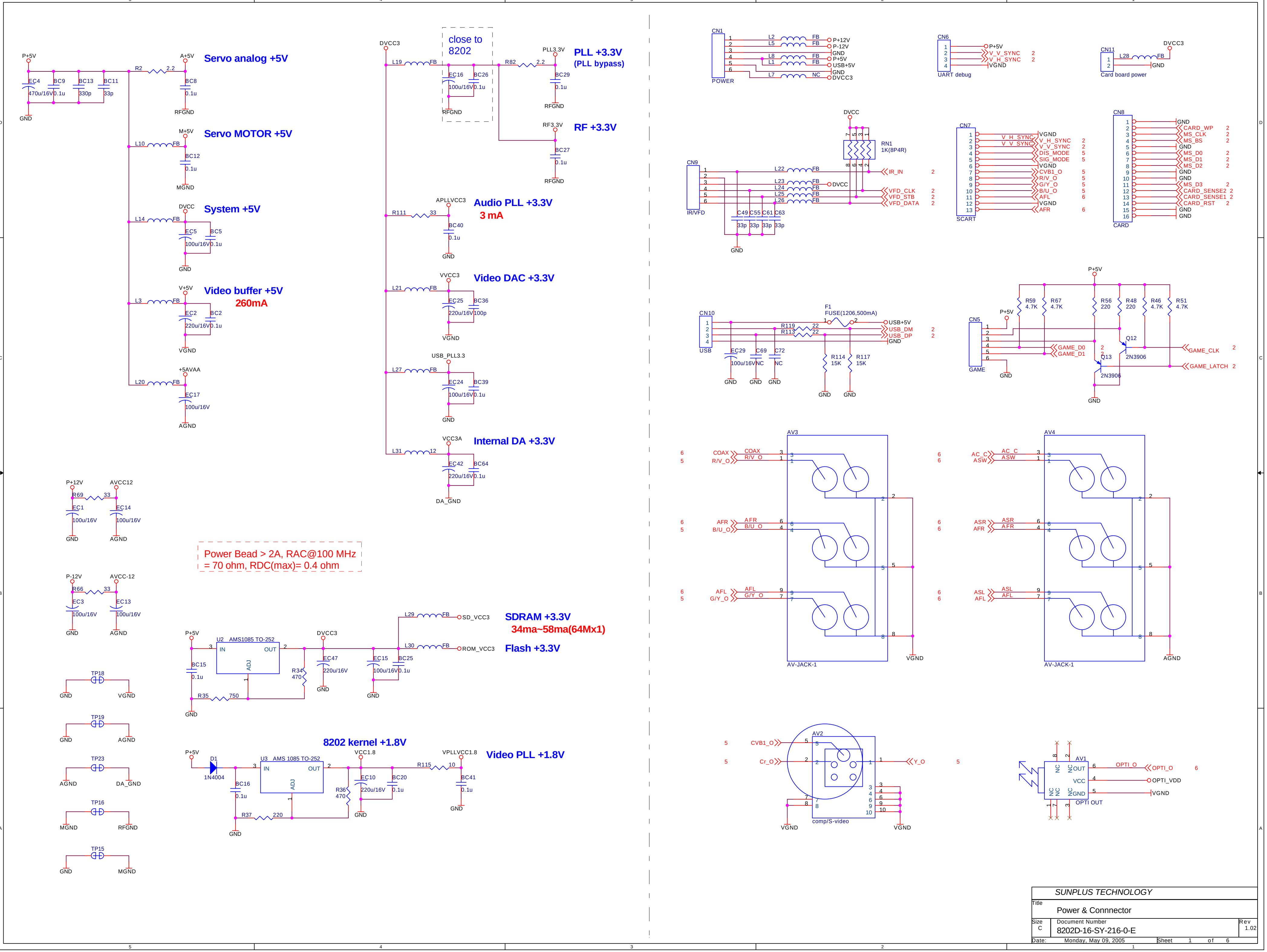
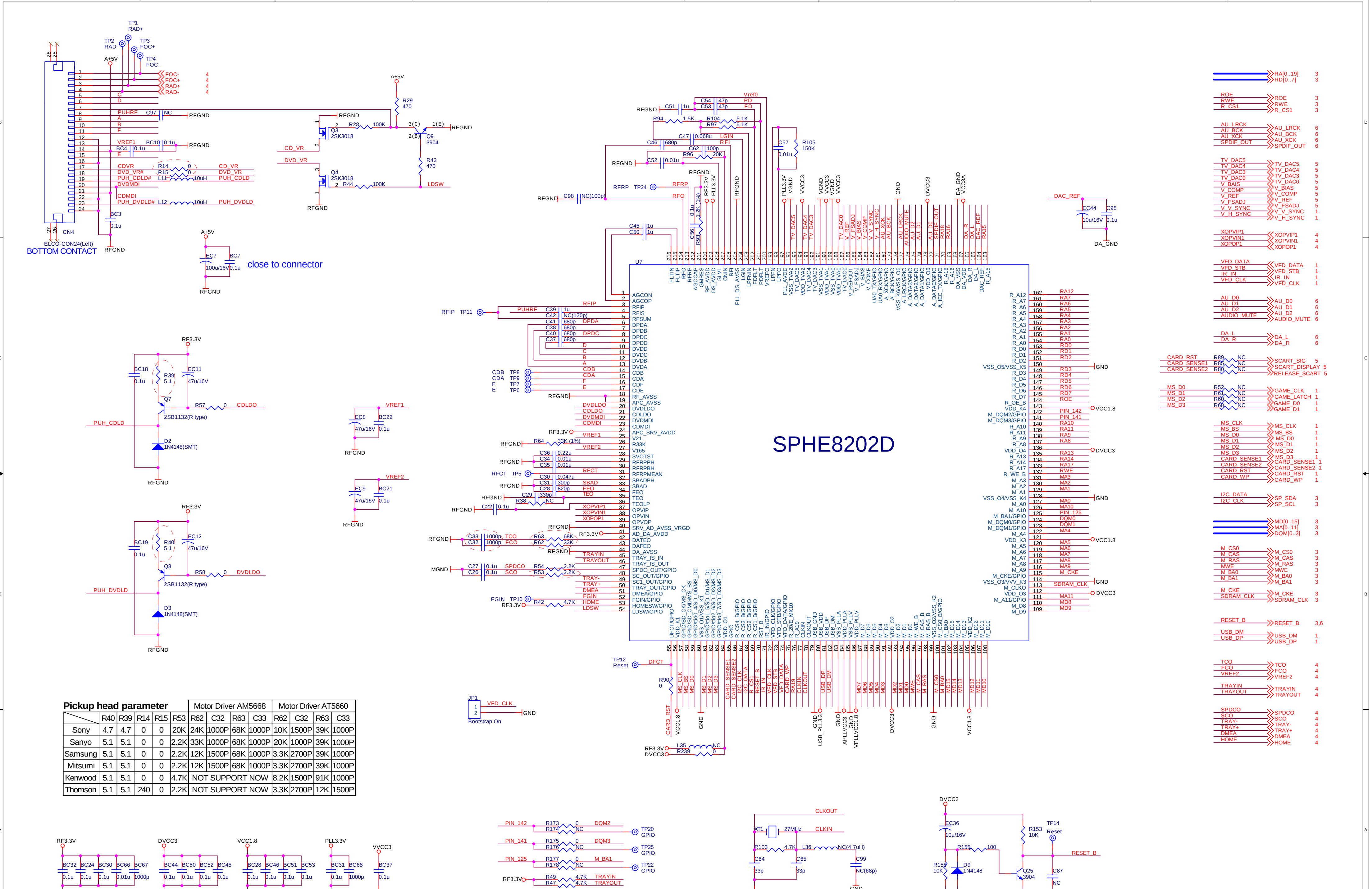

Servo analog +5V
Servo MOTOR +5V
System +5V
Video buffer +5V
260mA
close to
8202
PLL +3.3V
(PLL bypass)
RF +3.3V
Audio PLL +3.3V
3 mA
Video DAC +3.3V
Internal DA +3.3V
Power Bead > 2A, RAC@100 MHz
= 70 ohm, RDC(max)= 0.4 ohm
SDRAM +3.3V
34ma~58ma(64Mx1)
Flash +3.3V
8202 kernel +1.8V
Video PLL +1.8V
U2 AMS1085 TO-252
U3 AMS 1085 TO-252
POWER
UART debug
Card board power
IR/VFD
SCART
CARD
USB
GAME
AV-JACK-1
comp/S-video
OPTI OUT
SUNPLUS TECHNOLOGY
Title
Power & Conncector
Size
C
Document Number
8202D-16-SY-216-0-E
Rev
1.02
Date: Monday, May 09, 2005
Sheet 1 of 6

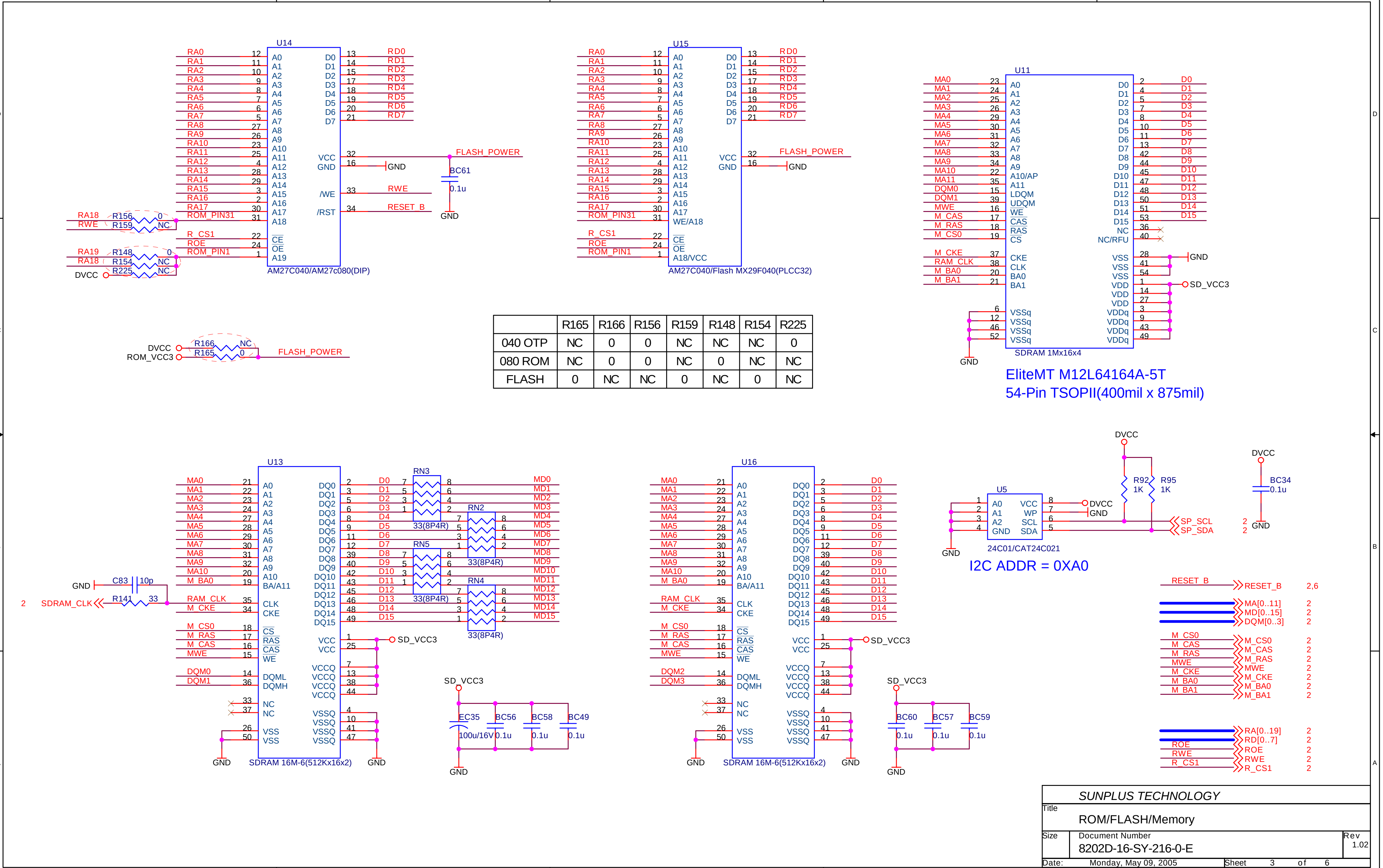


Pickup head parameter

	R40	R39	R14	R15	R53	Motor Driver AM5668 R62	Motor Driver AM5668 C32	Motor Driver AM5668 R63	Motor Driver AM5668 C33	Motor Driver AT5660 R62	Motor Driver AT5660 C32	Motor Driver AT5660 R63	Motor Driver AT5660 C33
Sony	4.7	4.7	0	0	20K	24K	1000P	68K	1000P	10K	1500P	39K	1000P
Sanyo	5.1	5.1	0	0	2.2K	33K	1000P	68K	1000P	20K	1000P	39K	1000P
Samsung	5.1	5.1	0	0	2.2K	12K	1500P	68K	1000P	3.3K	2700P	39K	1000P
Mitsumi	5.1	5.1	0	0	2.2K	12K	1500P	68K	1000P	3.3K	2700P	39K	1000P
Kenwood	5.1	5.1	0	0	4.7K	NOT SUPPORT NOW				8.2K	1500P	91K	1000P
Thomson	5.1	5.1	240	0	2.2K	NOT SUPPORT NOW				3.3K	2700P	12K	1500P

SUNPLUS TECHNOLOGY

Title	DSP	
Size	Document Number: 8202D-16-SY-216-0-E	Rev 1.02
Date: Monday, May 09, 2005	Sheet 2 of 6	



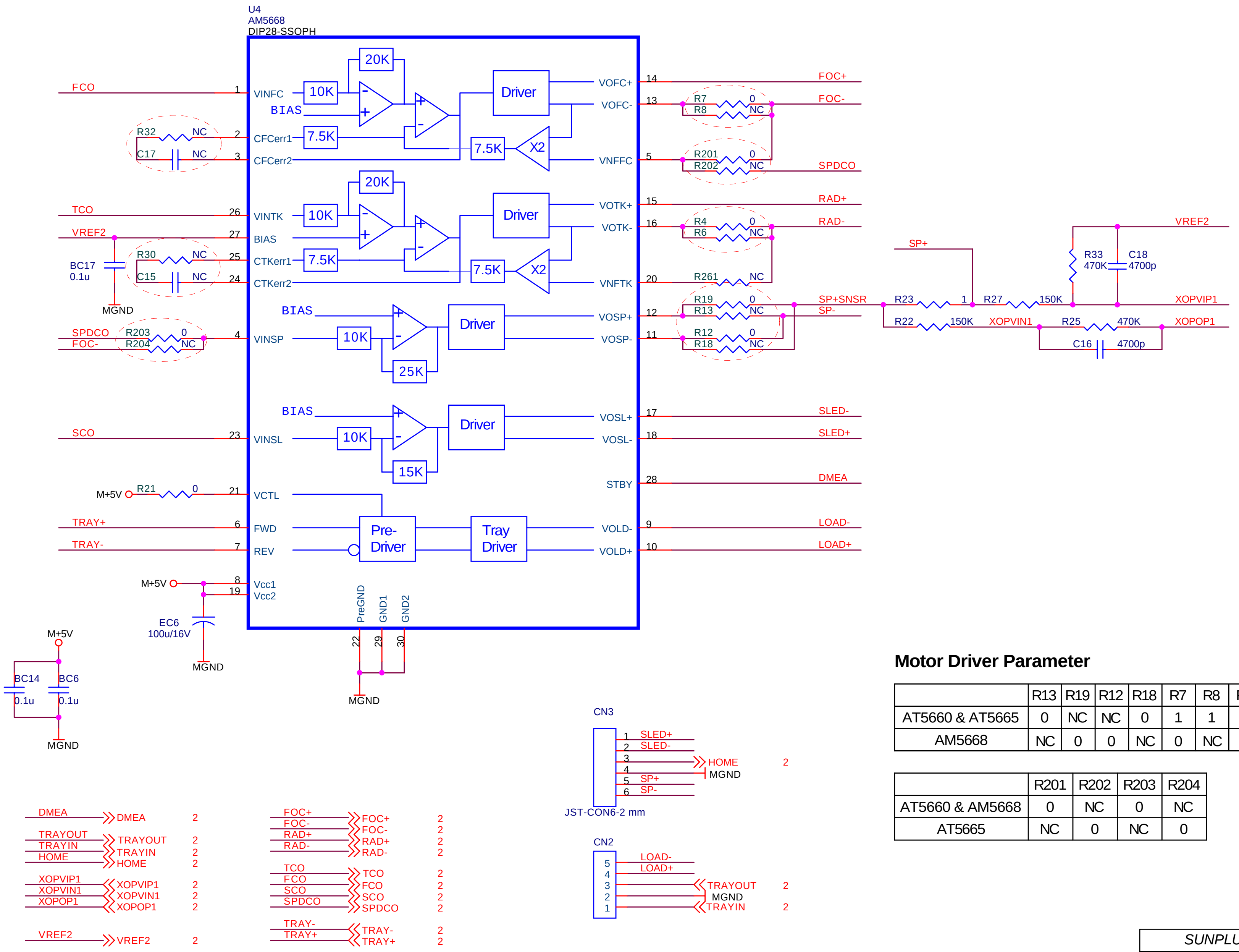
	R165	R166	R156	R159	R148	R154	R225
040 OTP	NC	0	0	NC	NC	NC	0
080 ROM	NC	0	0	NC	0	NC	NC
FLASH	0	NC	NC	0	NC	0	NC

SUNPLUS TECHNOLOGY

Title: ROM/FLASH/Memory

Size | Document Number: 8202D-16-SY-216-0-E | Rev 1.02

Date: Monday, May 09, 2005 | Sheet 3 of 6



Motor Driver Parameter

	R13	R19	R12	R18	R7	R8	R4	R6	R30	R32	C15	C17	R261
AT5660 & AT5665	0	NC	NC	0	1	1	1	1	22K	22K	330p	330p	0
AM5668	NC	0	0	NC	0	NC	0	NC	NC	NC	NC	NC	NC

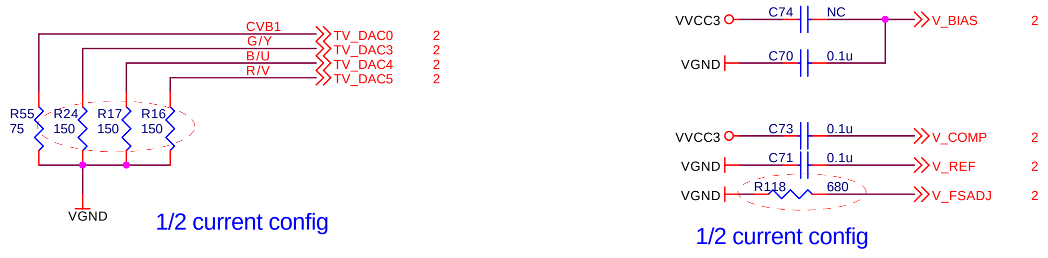
	R201	R202	R203	R204
AT5660 & AM5668	0	NC	0	NC
AT5665	NC	0	NC	0

SUNPLUS TECHNOLOGY

Title: Motor-Driver

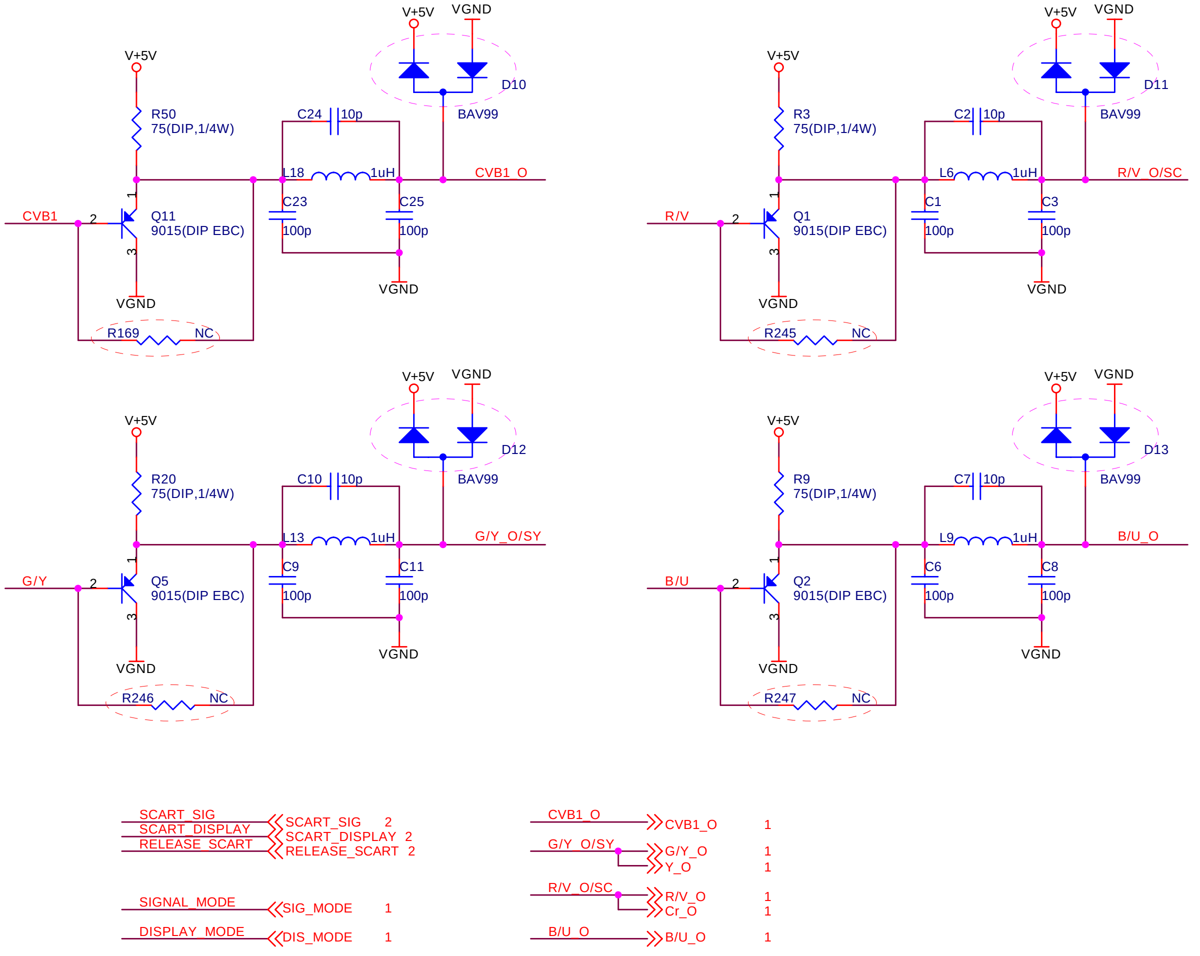
Size: B | Document Number: 8202D-16-SY-216-0-E | Rev: 1.02

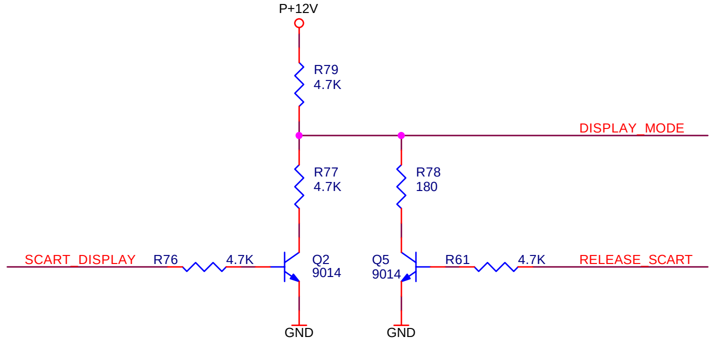
Date: Monday, May 09, 2005 | Sheet 4 of 6

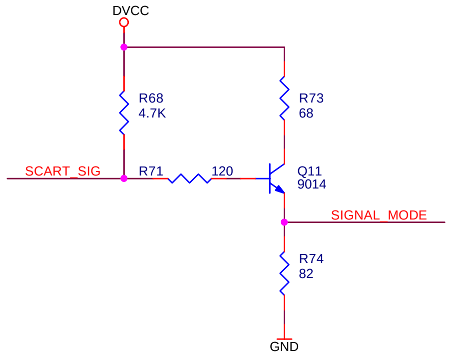


TV0	TV3	TV4	TV5
CVB	Y	Cb	Cr
CVB	Y(S-Video)	CVB	C(S-Video)
CVB	G	B	R

VIDEO DAC	R118	R169	R245	R246	R247	R16	R17	R24
Full Current	390	0	0	0	0	75	75	75
Half Current	680	NC	NC	NC	NC	150	150	150





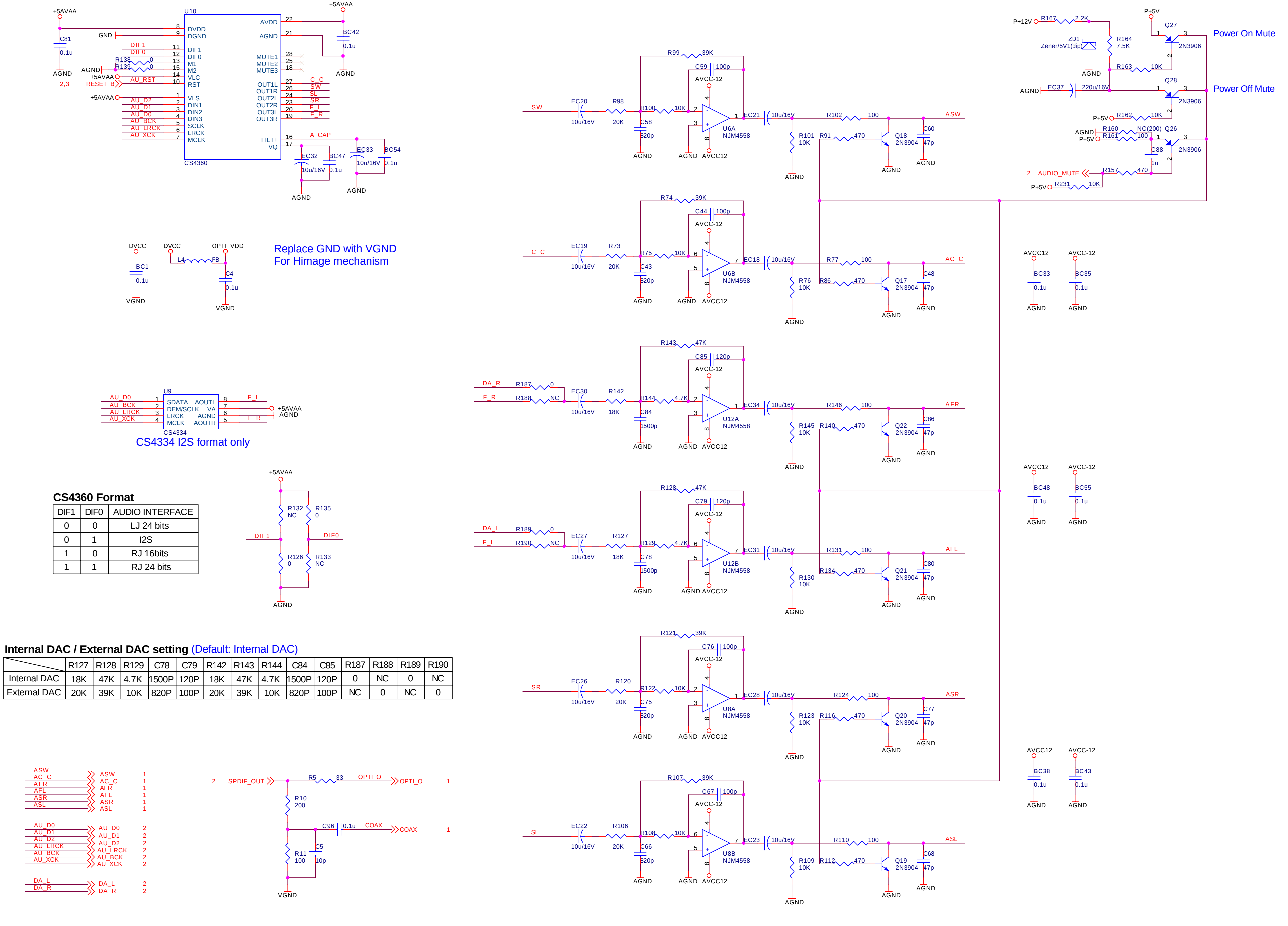


RELEASE_SCART	DISPLAY_MODE
0	Not RELEASE
1	RELEASE

SCART_DISPLAY	DISPLAY_MODE
0	12V(9.5V--12V 4:3)
1	6V(5V--8V 16:9)

SCART_SIG	SIGNAL_MODE
0	0V(CVBS)
1	3V(RGB)

SUNPLUS TECHNOLOGY		
Title: Video Buffer		
Size: B	Document Number: 8202D-16-SY-216-0-E	Rev: 1.02
Date: Wednesday, January 04, 2006	Sheet 5 of 6	



CS4360 Format

DIF1	DIF0	AUDIO INTERFACE
0	0	LJ 24 bits
0	1	I2S
1	0	RJ 16bits
1	1	RJ 24 bits

Internal DAC / External DAC setting (Default: Internal DAC)

	R127	R128	R129	C78	C79	R142	R143	R144	C84	C85	R187	R188	R189	R190
Internal DAC	18K	47K	4.7K	1500P	120P	18K	47K	4.7K	1500P	120P	0	NC	0	NC
External DAC	20K	39K	10K	820P	100P	20K	39K	10K	820P	100P	NC	0	NC	0

SUNPLUS TECHNOLOGY	
Title	Audio Filter
Size: C	Document Number: 8202D-16-SY-216-0-E
Rev	1.02
Date:	Monday, May 09, 2005
Sheet	6 of 6