

D04 DL23701 32ch monitor:

Ch#	色	signal	trigger		Ch#	色	signal		
1	cyan	DCCT-LER	ON	100mA↓	17	cyan	PIN LM4-2-4		
2	green	DCCT-HER	ON	100mA↓	18	green	PIN LM4-2-5		
3	yellow-green	HER-injection			19	yellow-green	PIN LM4-2-6		
4	yellow	LER-injection			20	yellow	PIN LM4-2-7		
5	orange	Beam abort HER	ON	4V↑	21	orange	PIN LM4-2-8		
6	red	Beam abort LER	ON	4V↑	22	red	PIN LM4-3-1		
7	magenta	PIN LM4-1-1			23	magenta	PIN LM4-3-2		
8	purple	PIN LM4-1-2			24	purple	PIN LM4-3-3		
9	blue-purple	PIN LM4-1-3			25	blue-purple	RF-D4A-Pkly		
10	purple	PIN LM4-1-4			26	purple	RF-D4A-Vc-1		
11	light purple	PIN D3H1マスク予定(LM4-1-5)			27	light purple	RF-D4A-Vc-2		
12	light green	PIN D3H2マスク予定(LM4-1-6)			28	light green	RF-D4C-Pkly		
13	yellow	PIN LM4-1-7			29	yellow	RF-D4C-Vc-1		
14	orange-red	PIN D4-2-1			30	orange-red	RF-D4C-Vc-2		
15	purple	PIN D4-2-2			31	purple	RF-D4E-Pkly		
16	magenta	PIN D4-2-3			32	magenta	RF-D4E-Vc		

D07 DL23701 32ch monitor:office-vaio

Ch#	色	signal	trigger		Ch#	色	signal	trigger	
1	緑	DCCT-HER	ON	100mA↓	17	緑	Kicker1 Inj. Trig.	OFF	
2	赤	DCCT-LER	ON	100mA ↓	18	赤	Kicker2 Inj. Trig.	OFF	
3	青	HER-injection	OFF		19	青	Septum Inj. Trig.	OFF	
4	紫	LER-injection	OFF		20	紫	PIN D6H2マスク(LM7-2-4) 予定	ON	1.5V↑
5	黄	Beam abort HER	ON	4V ↑	21	黄	PIN D6H3マスク上流(LM7-2-5)	ON	1.5V↑
6	青	Beam abort LER	ON	4V ↑	22	青	PIN D6H4マスク上流(LM7-2-6)	ON	1.5V↑
7	茶	PIN LER beam dump (LM7-1-2)	ON	1.5V↑	23	茶	PIN D6H3マスク下流(LM7-2-7)	ON	5V↑
8	緑	PIN LER (LM7-1-3)	ON	1.5V↑	24	緑	PIN D6H4マスク下流(LM7-2-8)	ON	1.5V↑
9	緑	PIN D3H1マスク(D4-2-1)予定	ON	1.5V↑	25	緑	LER beam phase	OFF	
10	赤	PIN D3H2マスク(D4-2-2)予定	ON	1.5V↑	26	赤	RF D7A Vc -1	ON	1V ↓
11	青	(LM1-1-1) D1から	ON	1.5V↑	27	青	RF D7A Vc -2	ON	1V ↓
12	紫	(LM1-2-7) D1から	ON	1.5V↑	28	紫	RF D7B Vc -1	ON	1V ↓
13	黄	PIN D2H3マスク(LM1-1-4)予定	ON	1.5V↑	29	黄	RF D7B Vc -2	ON	1V ↓
14	青	PIN (LM7-3-8)	ON	1.5V↑	30	青	RF D7C Vc	ON	1V ↓
15	茶	PIN (LM7-3-6)	ON	1.5V↑	31	茶	RF D7D Vc →信号線切断	OFF	
16	緑	LM D7-1 Abt Trig.	OFF		32	緑	RF D7E Vc -1	ON	1V ↓

D10 DL23701 32ch monitor: ABTmonitor-d10

Ch#	色	signal	trigger		Ch#	色	signal	trigger	
1	緑	DCCT-HER	ON	100mA ↓	17	緑	PIN D12V1マスク(LM10-3-1)	ON	1V ↑
2	赤	DCCT-LER	ON	100mA ↓	18	赤	PIN D12H1マスク(LM10-3-2)	ON	1V ↑
3	青	HER injection	OFF		19	青	PIN D12H2マスク(LM10-3-3)	ON	1V ↑
4	紫	LER injection	OFF		20	紫	PIN D12V2マスク(LM10-3-4)	ON	1V ↑
5	黄	Beam abort HER	ON	4V ↑	21	黄	PIN D12H3マスク(LM10-3-5)	ON	1V ↑
6	青	Beam abort LER	ON	4V ↑	22	青	PIN D12V3マスク(LM10-3-6)	ON	1V ↑
7	茶	PIN(LM10-1-1)	ON	1V ↑	23	茶	PIN D12H4マスク(LM10-3-7)	ON	1V ↑
8	緑	PIN(LM10-1-2)	ON	1V ↑	24	緑	PIN D12V4マスク(LM10-3-8)	ON	1V ↑
9	緑	PIN D9H1マスク(LM10-2-1)	ON	1V ↑	25	緑	D10C piezo (x1/200)	OFF	
10	赤	PIN D9V1マスク(LM10-2-2)	ON	1V ↑	26	赤	D10C tuner phase (50mV/deg)	OFF	
11	青	PIN D9V2マスク(LM10-2-3)	ON	1V ↑	27	青	D10B-Pkly-det	OFF	
12	紫	PIN D9H2マスク(LM10-2-4)	ON	1V ↑	28	紫	D10B Vc	ON	1V ↓
13	黄	PIN D9H3マスク(LM10-2-5)	ON	1V ↑	29	黄	D10C-Pkly-det	OFF	
14	青	PIN D9V3マスク(LM10-2-6)	ON	1V ↑	30	青	D10C Pref (reflection at cavity)	OFF	
15	茶	PIN D9V4マスク(LM10-2-7)	ON	1V ↑	31	茶	D10C Pdrv (driver power)	OFF	
16	緑	PIN D9H4マスク(LM10-2-8)	ON	1V ↑	32	緑	D10C Vc	ON	1V ↓

D11 OMNI 24ch monitor: ABTmonitor-d11

Ch#	色	signal	Range	Trigger		Ch#	色	signal	range	trigger	
1	Red	DCCT-HER, 2V	2V	ON	100mV↓	17	Red	Vc-D10A (MV/V)	10V	ON	1V ↓
2	Magenta	DCCT-LER, 2V	2V	ON	100mV↓	18	Magenta	Vc-D10B (MV/V)	10V	ON	1V ↓
3	Green	HER injection		OFF		19	Green	Vc-D10C (MV/V)	10V	ON	1V ↓
4	Cyan	LER injection		OFF		20	Cyan	Vc-D10D (MV/5V)	100V	ON	5V ↓
5	Dark Blue	Beam abort HER		ON	4V ↑	21	Dark Blue	Vc-D11A (MV/V)	10V	ON	1V ↓
6	Yellow	Beam abort LER		ON	4V ↑	22	Yellow	Vc-D11B (MV/V)	10V	ON	1V ↓
7	Purple	Beam phase (50mV/deg)	5V	OFF		23	Purple	Vc-D11C (MV/V)	10V	ON	1V ↓
8	Grey	Beam phase abort trigger	20V	ON	4V ↑	24	Grey	Vc-D11D (MV/V)	10V	ON	1V ↓
9	Red	PIN (D10-2-2)	5V	ON	1.5V ↑						
10	Magenta	PIN (D10-2-3)	5V	ON	1.5V ↑						
11	Green	PIN (D10-2-7)	5V	ON	1.5V ↑						
12	Cyan	PIN (D10-3-1)	5V	ON	1.5V ↑						
13	Dark Blue	Pklystron-D11A	20V	OFF							
14	Yellow	Pklystron-D11B	20V	OFF							
15	Purple	Pklystron-D11C	20V	OFF							
16	Grey	Pklystron-D11D	20V	OFF							