

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

D

E

E

F

F

Chelsea 10/10G

CS Gerber

2009.09.11

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC		
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RESPONSIBLE							
SIZE = 3					SIZE	CODE	DOC. NUMBER
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P/N XXXXXXXXXXXX					SHEET	1	OF 75

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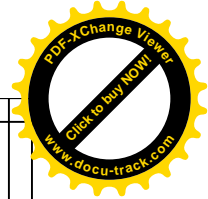
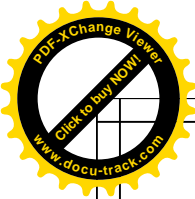


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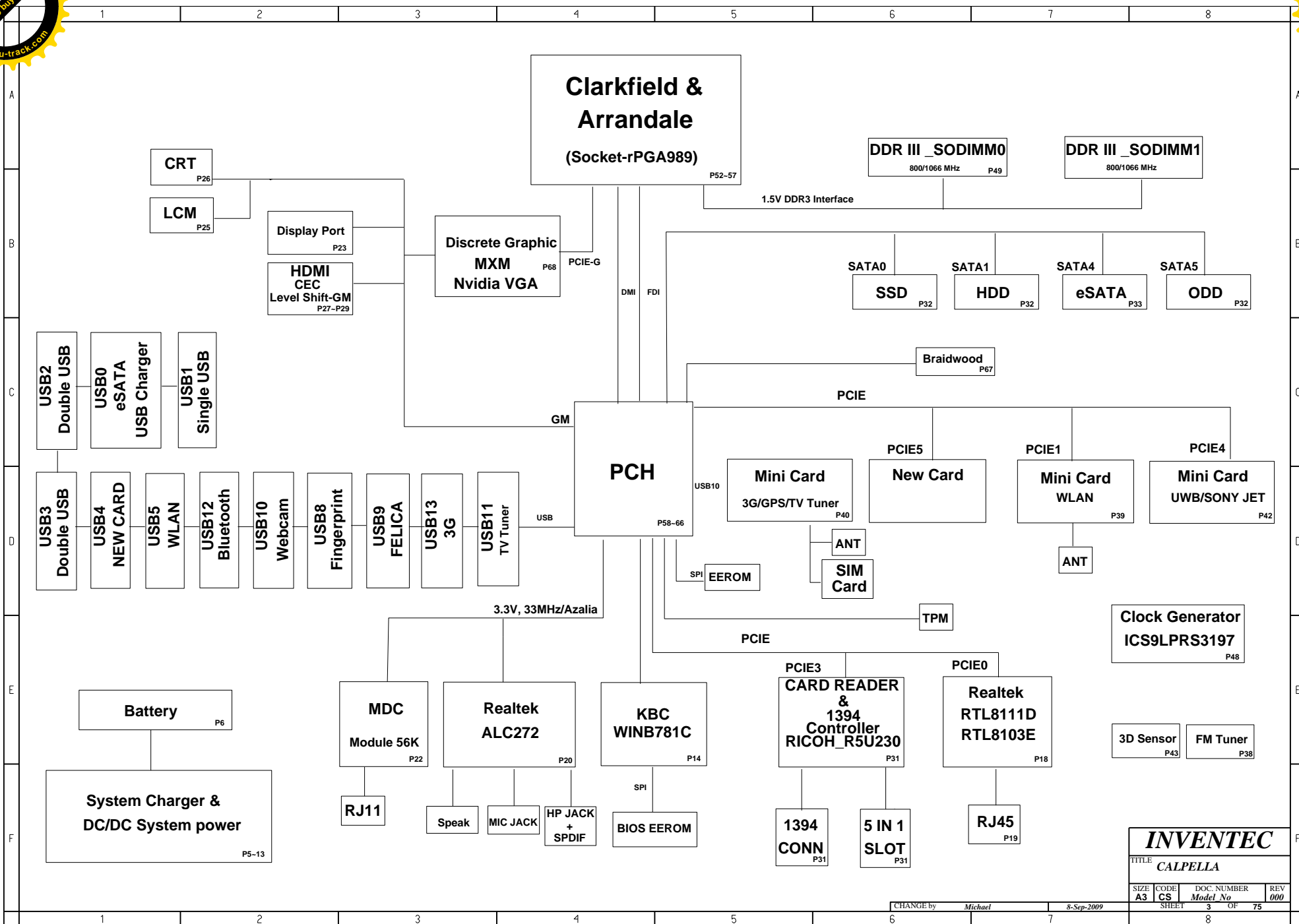
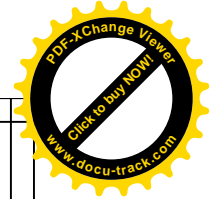
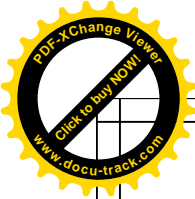
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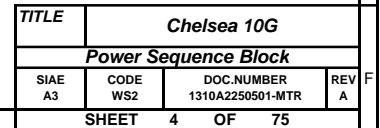
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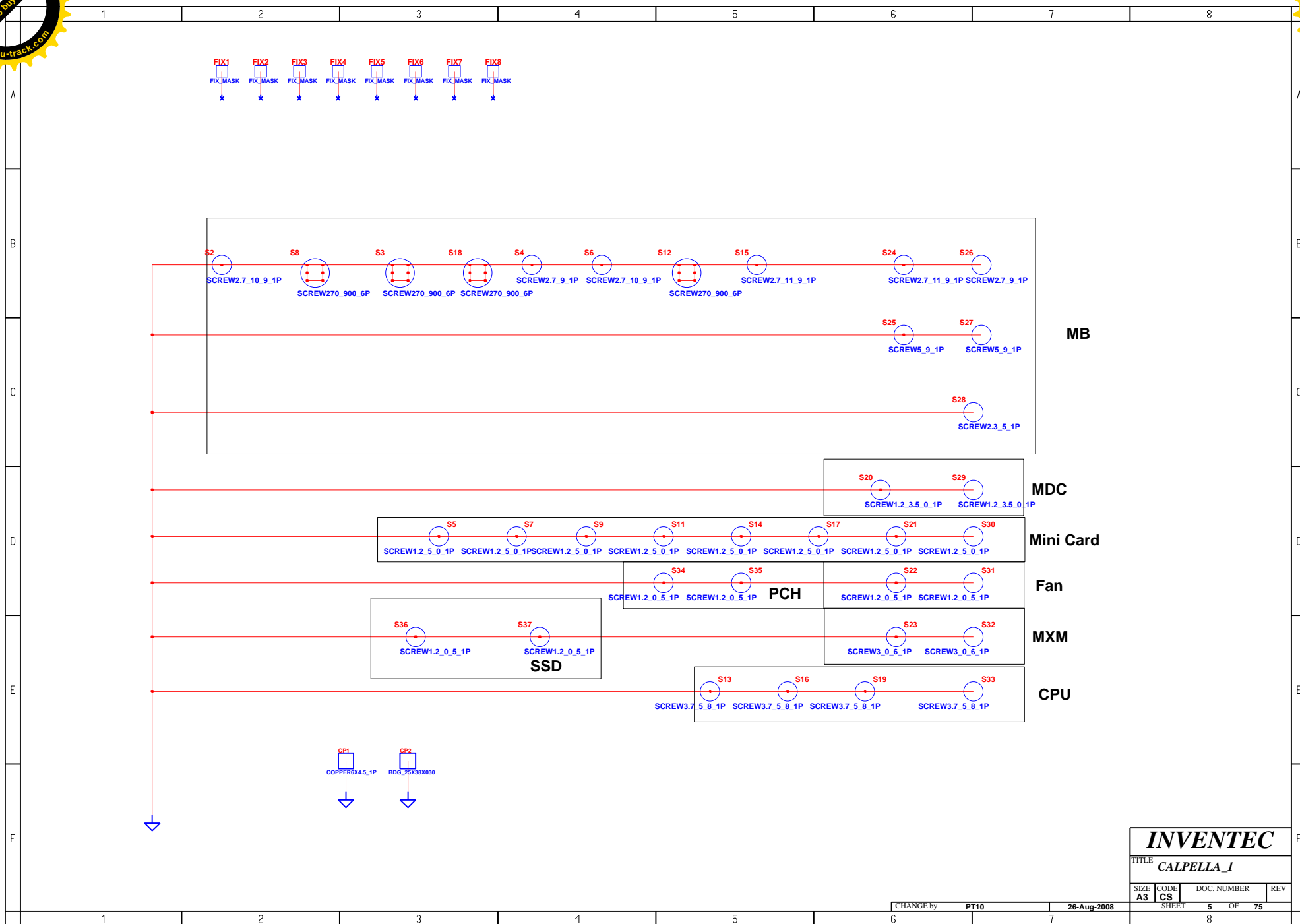
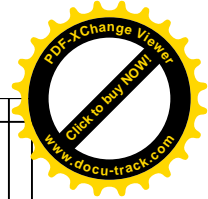
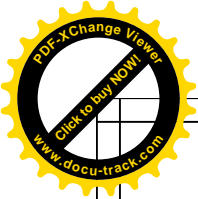
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CHANGE by **PT10** 8-Sep-2009

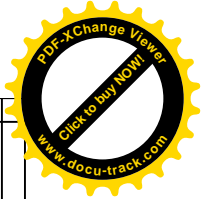


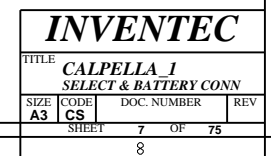
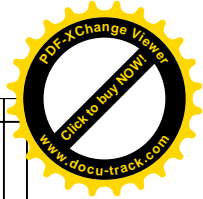


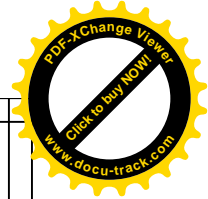


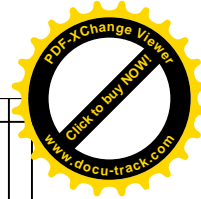
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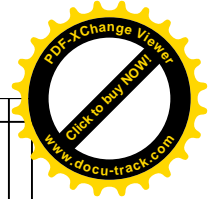
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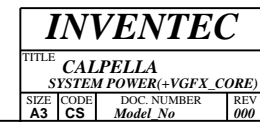
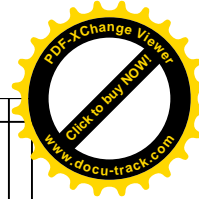


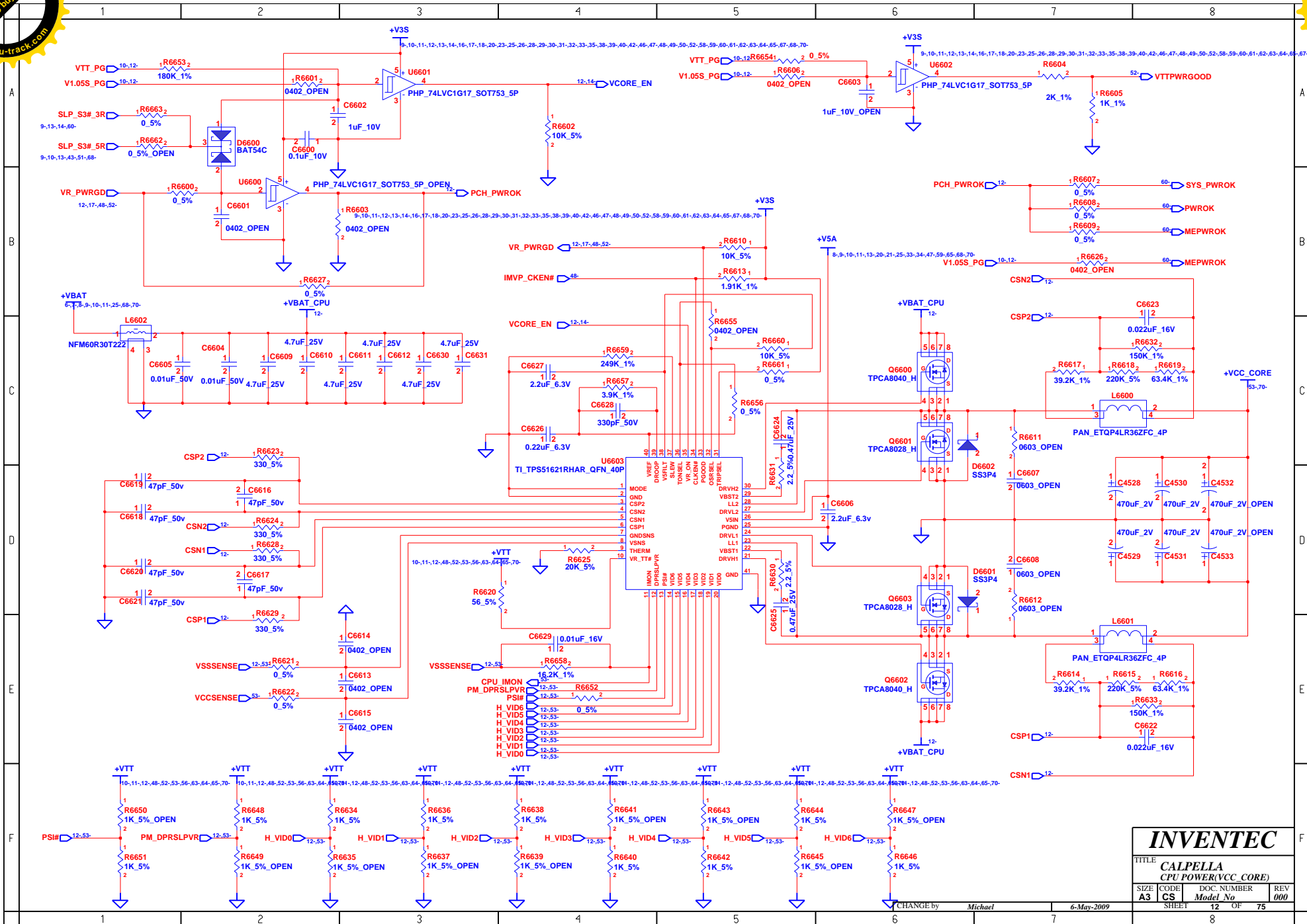










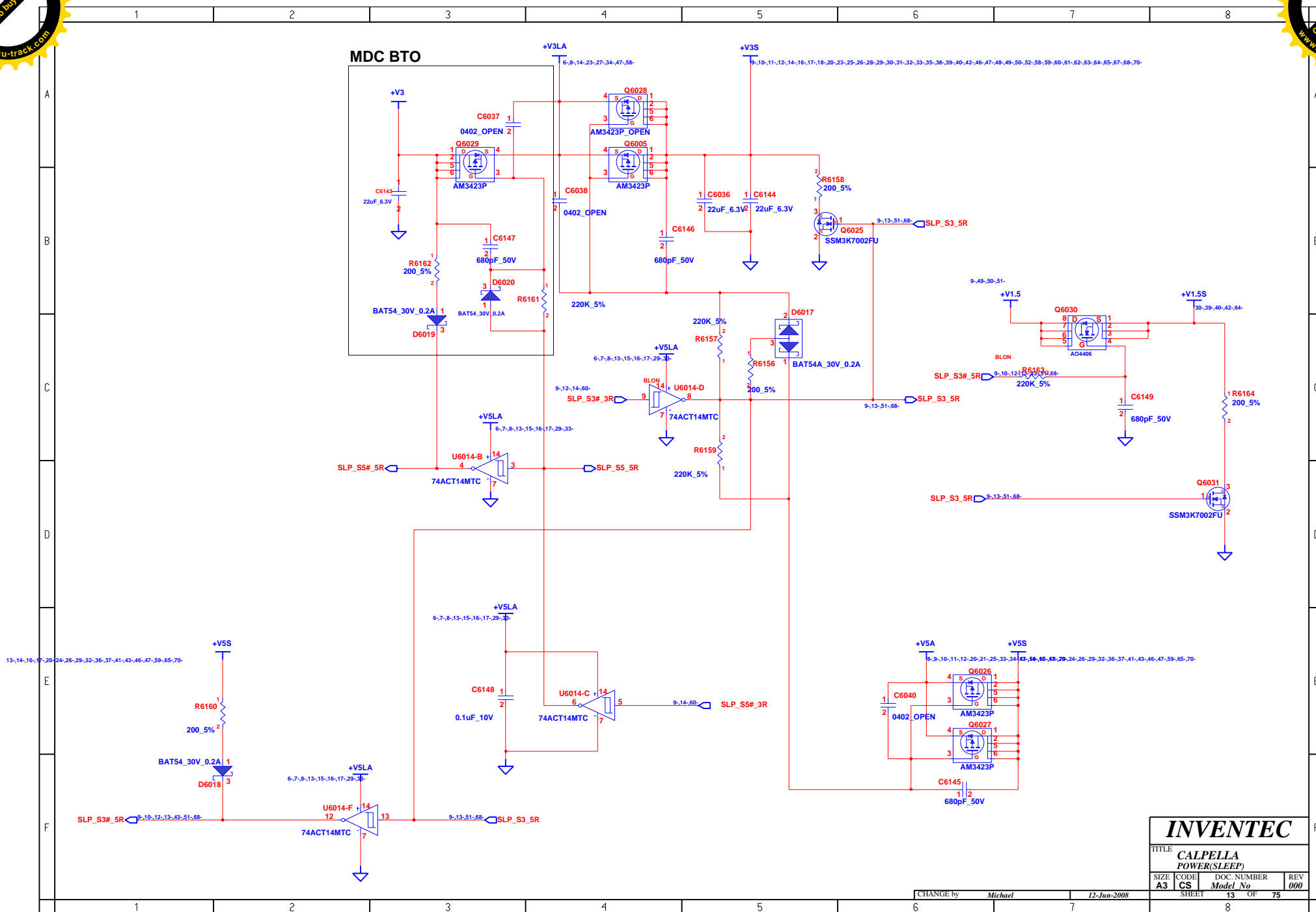
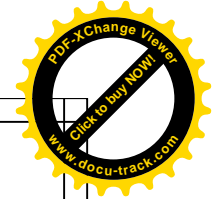
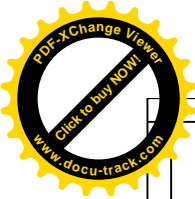


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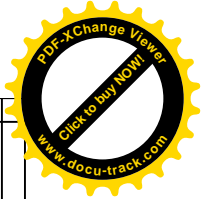
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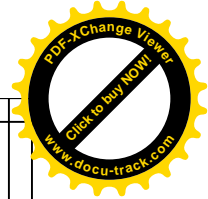
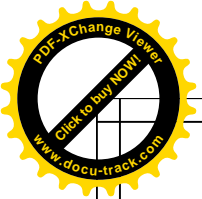
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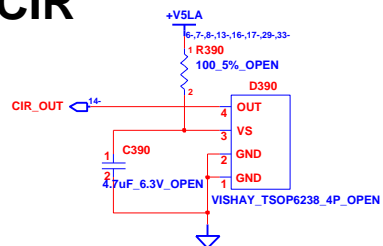
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CHANGE by Michael 12-Jun-2008

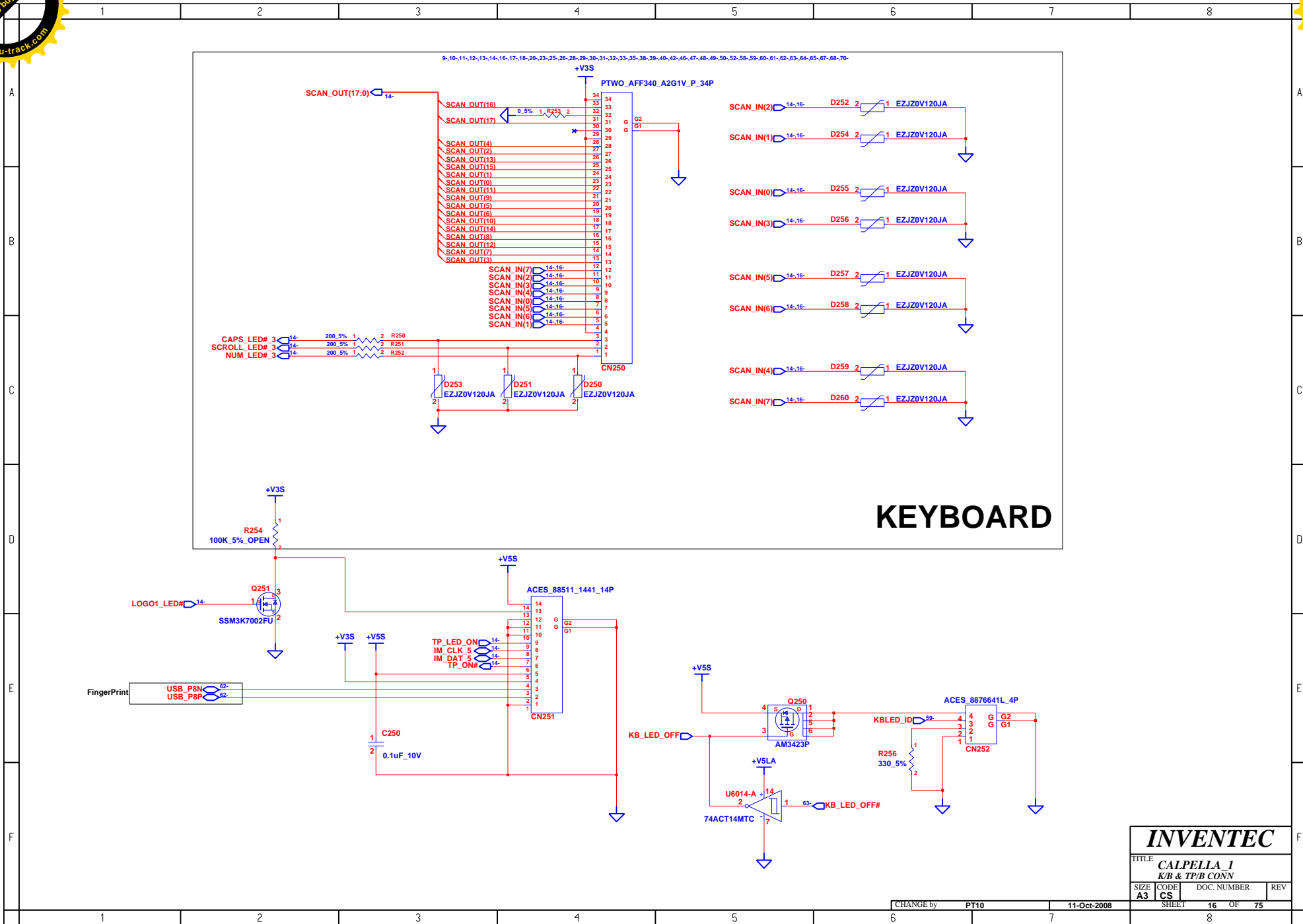
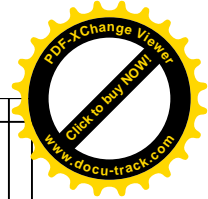
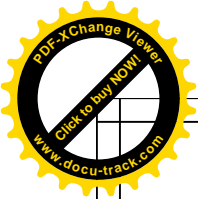


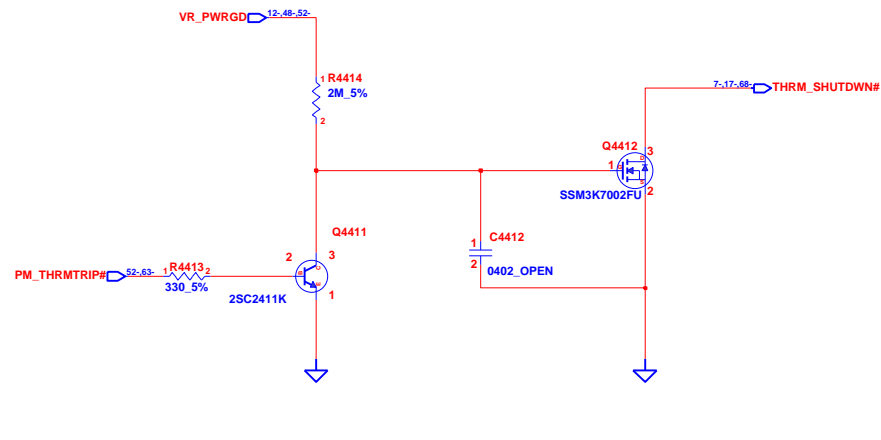
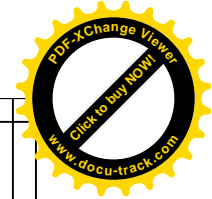


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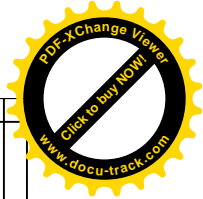


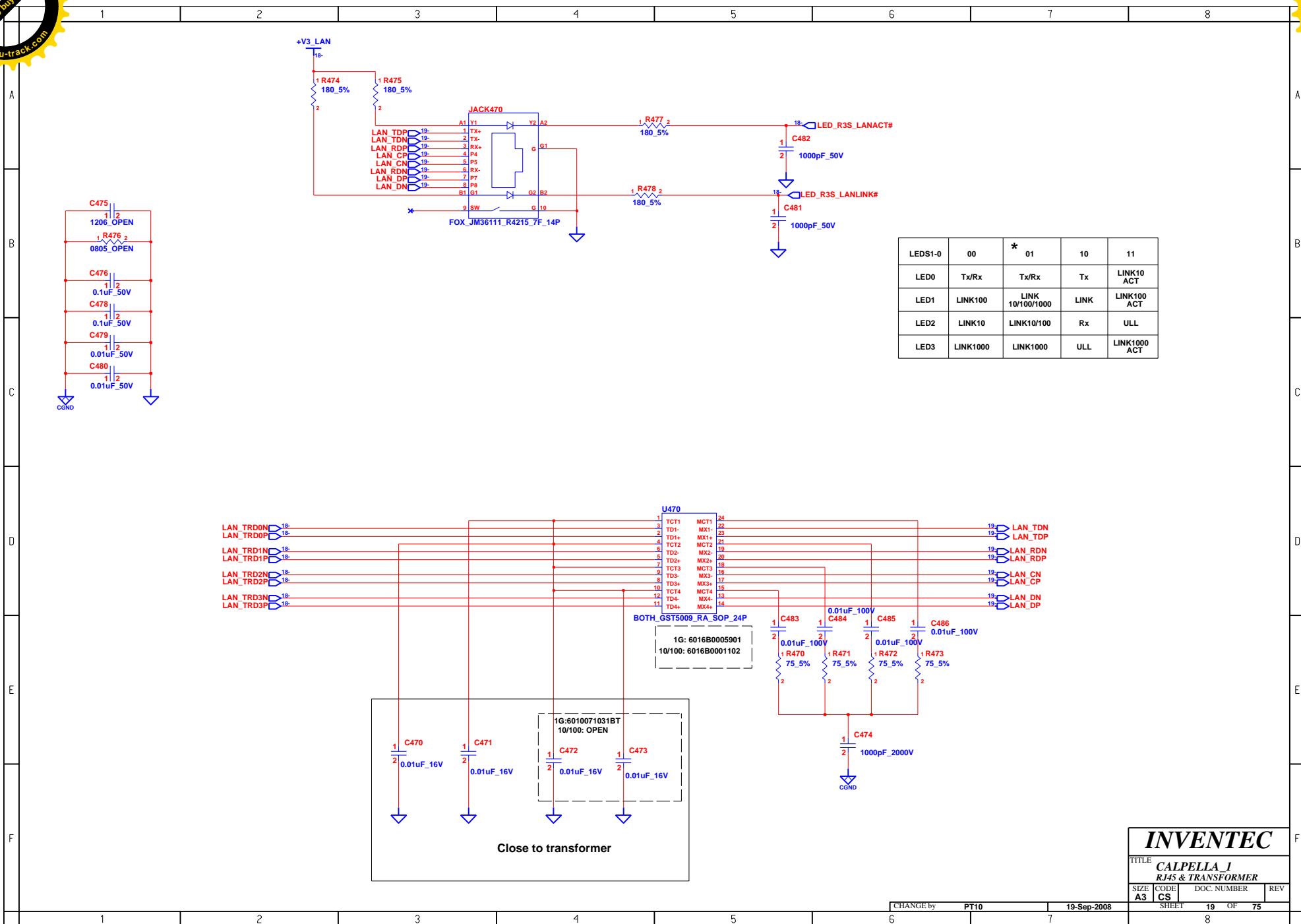
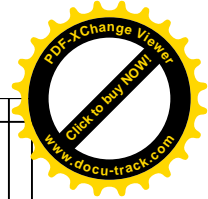
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CHANGE by		PT10	13-Aug-2008
SHEET		15	OF 75
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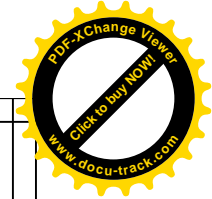


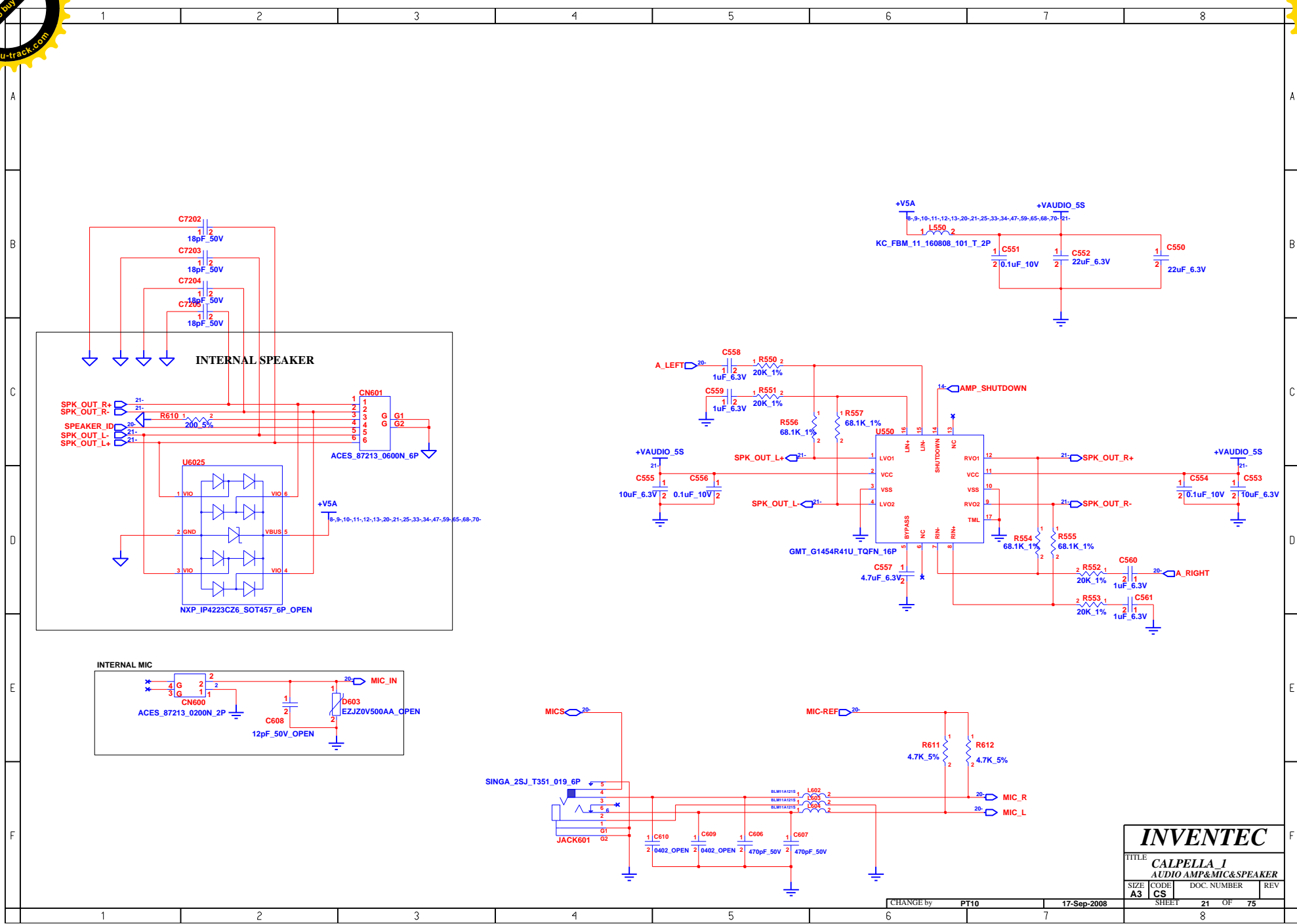
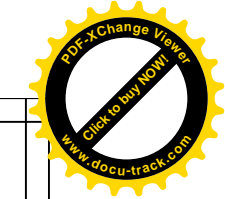
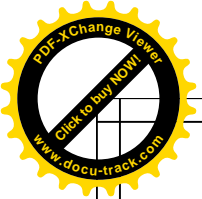


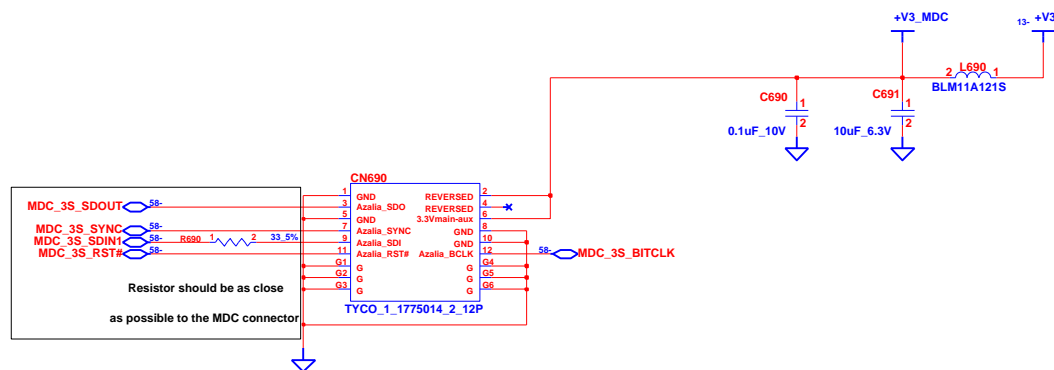
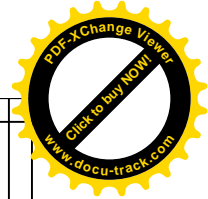
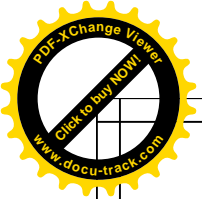
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SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET		17	OF 75





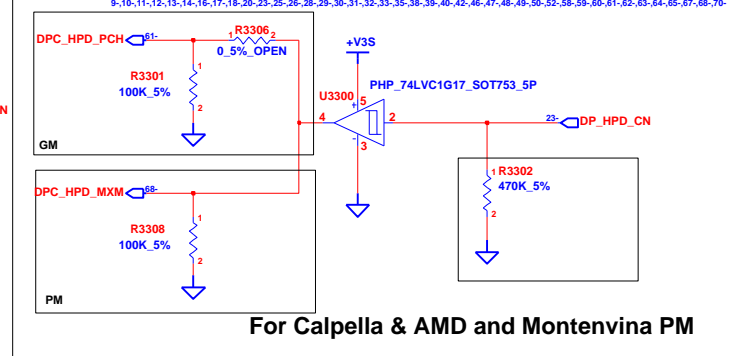
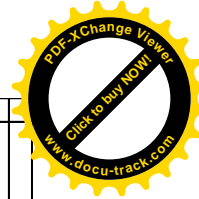






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CHANGE by PT10 7-Oct-2008



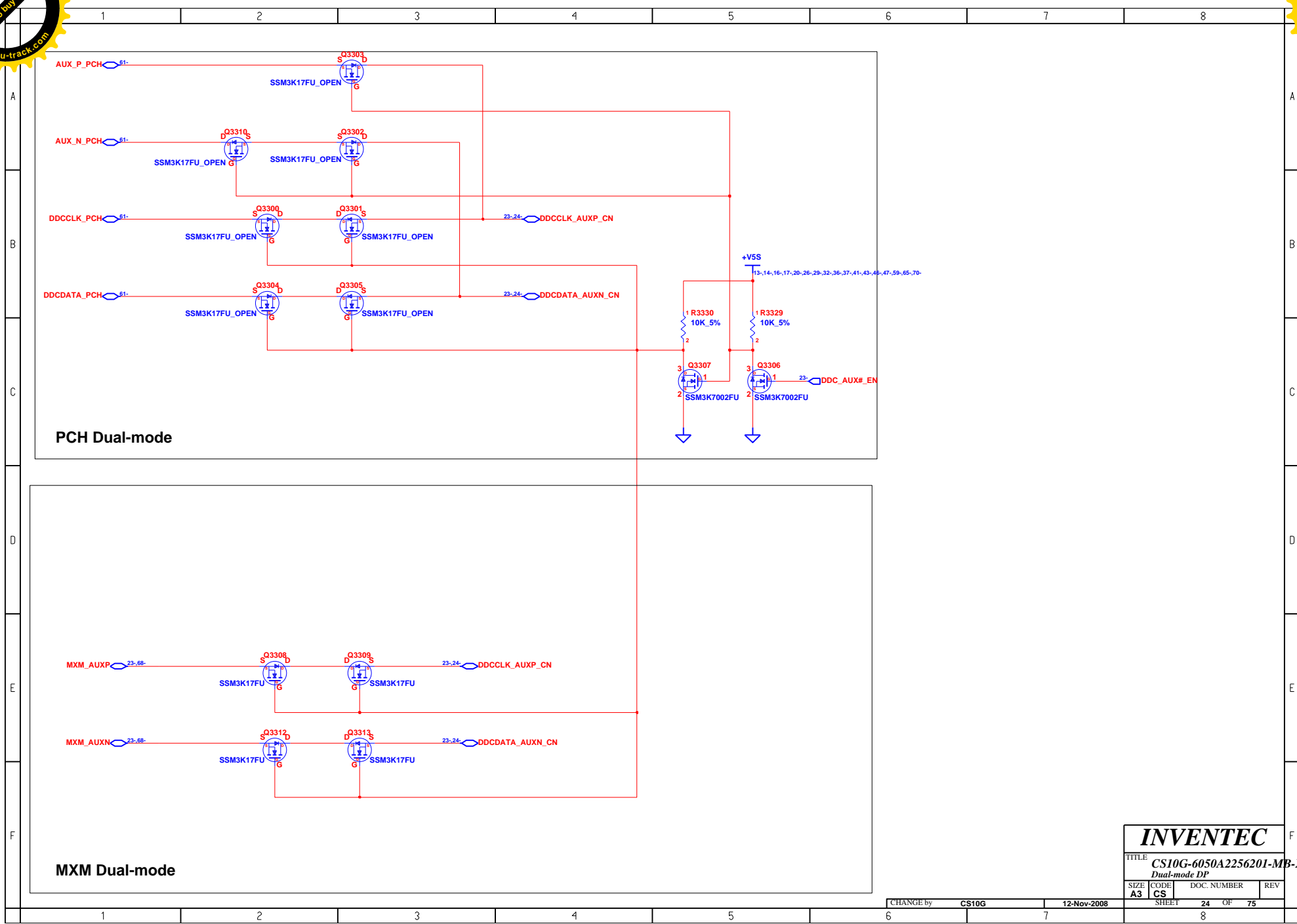
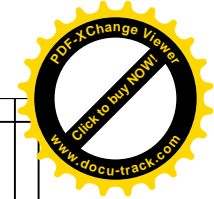
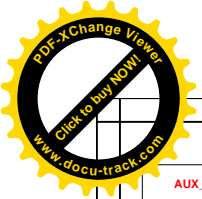
The schematic diagram illustrates the DDC channel for the PM module, showing connections for DP lanes, DDC signals, and power management components. Key components and connections include:

- DP Lanes:** DP_LANE0_P_CN, DP_LANE0_N_CN, DP_LANE1_P_CN, DP_LANE1_N_CN, DP_LANE2_P_CN, DP_LANE2_N_CN, DP_LANE3_P_CN, DP_LANE3_N_CN are connected to the DP lanes of the PM module.
- DDC Signals:** DDC_AUX#_EN, DDCCLK_AUX#_CN, DDCDATA_AUXN_CN, DP_HPD_CN are connected to the DDC signals of the PM module.
- Power Management:** +V3S_DP is connected to the power management section of the PM module.
- Components:** The diagram includes various components such as capacitors (C3311, C3300, C3312, C3313), resistors (R3303, R3309, R3300, R3331), and integrated circuits (U3301, U3302, U3303, U3304, U3305, U3306, U3307, U3308, U3309, U3310, U3311, U3312, U3313, U3314, U3315, U3316, U3317, U3318, U3319, U3320, U3321, U3322, U3323, U3324, U3325, U3326, U3327, U3328, U3329, U3330, U3331, U3332, U3333, U3334, U3335, U3336, U3337, U3338, U3339, U3340, U3341, U3342, U3343, U3344, U3345, U3346, U3347, U3348, U3349, U3350, U3351, U3352, U3353, U3354, U3355, U3356, U3357, U3358, U3359, U3360, U3361, U3362, U3363, U3364, U3365, U3366, U3367, U3368, U3369, U3370, U3371, U3372, U3373, U3374, U3375, U3376, U3377, U3378, U3379, U3380, U3381, U3382, U3383, U3384, U3385, U3386, U3387, U3388, U3389, U3390, U3391, U3392, U3393, U3394, U3395, U3396, U3397, U3398, U3399, U3400, U3401, U3402, U3403, U3404, U3405, U3406, U3407, U3408, U3409, U3410, U3411, U3412, U3413, U3414, U3415, U3416, U3417, U3418, U3419, U3420, U3421, U3422, U3423, U3424, U3425, U3426, U3427, U3428, U3429, U3430, U3431, U3432, U3433, U3434, U3435, U3436, U3437, U3438, U3439, U3440, U3441, U3442, U3443, U3444, U3445, U3446, U3447, U3448, U3449, U3450, U3451, U3452, U3453, U3454, U3455, U3456, U3457, U3458, U3459, U3460, U3461, U3462, U3463, U3464, U3465, U3466, U3467, U3468, U3469, U3470, U3471, U3472, U3473, U3474, U3475, U3476, U3477, U3478, U3479, U3480, U3481, U3482, U3483, U3484, U3485, U3486, U3487, U3488, U3489, U3490, U3491, U3492, U3493, U3494, U3495, U3496, U3497, U3498, U3499, U3500, U3501, U3502, U3503, U3504, U3505, U3506, U3507, U3508, U3509, U3510, U3511, U3512, U3513, U3514, U3515, U3516, U3517, U3518, U3519, U3520, U3521, U3522, U3523, U3524, U3525, U3526, U3527, U3528, U3529, U3530, U3531, U3532, U3533, U3534, U3535, U3536, U3537, U3538, U3539, U3540, U3541, U3542, U3543, U3544, U3545, U3546, U3547, U3548, U3549, U3550, U3551, U3552, U3553, U3554, U3555, U3556, U3557, U3558, U3559, U3560, U3561, U3562, U3563, U3564, U3565, U3566, U3567, U3568, U3569, U3570, U3571, U3572, U3573, U3574, U3575, U3576, U3577, U3578, U3579, U3580, U3581, U3582, U3583, U3584, U3585, U3586, U3587, U3588, U3589, U3590, U3591, U3592, U3593, U3594, U3595, U3596, U3597, U3598, U3599, U3600, U3601, U3602, U3603, U3604, U3605, U3606, U3607, U3608, U3609, U3610, U3611, U3612, U3613, U3614, U3615, U3616, U3617, U3618, U3619, U3620, U3621, U3622, U3623, U3624, U3625, U3626, U3627, U3628, U3629, U3630, U3631, U3632, U3633, U3634, U3635, U3636, U3637, U3638, U3639, U3640, U3641, U3642, U3643, U3644, U3645, U3646, U3647, U3648, U3649, U3650, U3651, U3652, U3653, U3654, U3655, U3656, U3657, U3658, U3659, U3660, U3661, U3662, U3663, U3664, U3665, U3666, U3667, U3668, U3669, U3670, U3671, U3672, U3673, U3674, U3675, U3676, U3677, U3678, U3679, U3680, U3681, U3682, U3683, U3684, U3685, U3686, U3687, U3688, U3689, U3690, U3691, U3692, U3693, U3694, U3695, U3696, U3697, U3698, U3699, U3700, U3701, U3702, U3703, U3704, U3705, U3706, U3707, U3708, U3709, U3710, U3711, U3712, U3713, U3714, U3715, U3716, U3717, U3718, U3719, U3720, U3721, U3722, U3723, U3724, U3725, U3726, U3727, U3728, U3729, U3730, U3731, U3732, U3733, U3734, U3735, U3736, U3737, U3738, U3739, U3740, U3741, U3742, U3743, U3744, U3745, U3746, U3747, U3748, U3749, U3750, U3751, U3752, U3753, U3754, U3755, U3756, U3757, U3758, U3759, U3760, U3761, U3762, U3763, U3764, U3765, U3766, U3767, U3768, U3769, U3770, U3771, U3772, U3773, U3774, U3775, U3776, U3777, U3778, U3779, U3780, U3781, U3782, U3783, U3784, U3785, U3786, U3787, U3788, U3789, U3790, U3791, U3792, U3793, U3794, U3795, U3796, U3797, U3798, U3799, U3800, U3801, U3802, U3803, U3804, U3805, U3806, U3807, U3808, U3809, U3810, U3811, U3812, U3813, U3814, U3815, U3816, U3817, U3818, U3819, U3820, U3821, U3822, U3823, U3824, U3825, U3826, U3827, U3828, U3829, U3830, U3831, U3832, U3833, U3834, U3835, U3836, U3837, U3838, U3839, U3840, U3841, U3842, U3843, U3844, U3845, U3846, U3847, U3848, U3849, U3850, U3851, U3852, U3853, U3854, U3855, U3856, U3857, U3858, U3859, U3860, U3861, U3862, U3863, U3864, U3865, U3866, U3867, U3868, U3869, U3870, U3871, U3872, U3873, U3874, U3875, U3876, U3877, U3878, U3879, U3880, U3881, U3882, U3883, U3884, U3885, U3886, U3887, U3888, U3889, U3890, U3891, U3892, U3893, U3894, U3895, U3896, U3897, U3898, U3899, U3900, U3901, U3902, U3903, U3904, U3905, U3906, U3907, U3908, U3909, U3910, U3911, U3912, U3913, U3914, U3915, U3916, U3917, U3918, U3919, U3920, U3921, U3922, U3923, U3924, U3925, U3926, U3927, U3928, U3929, U3930, U3931, U3932, U3933,

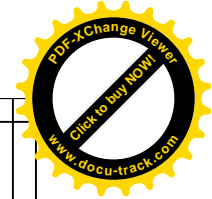
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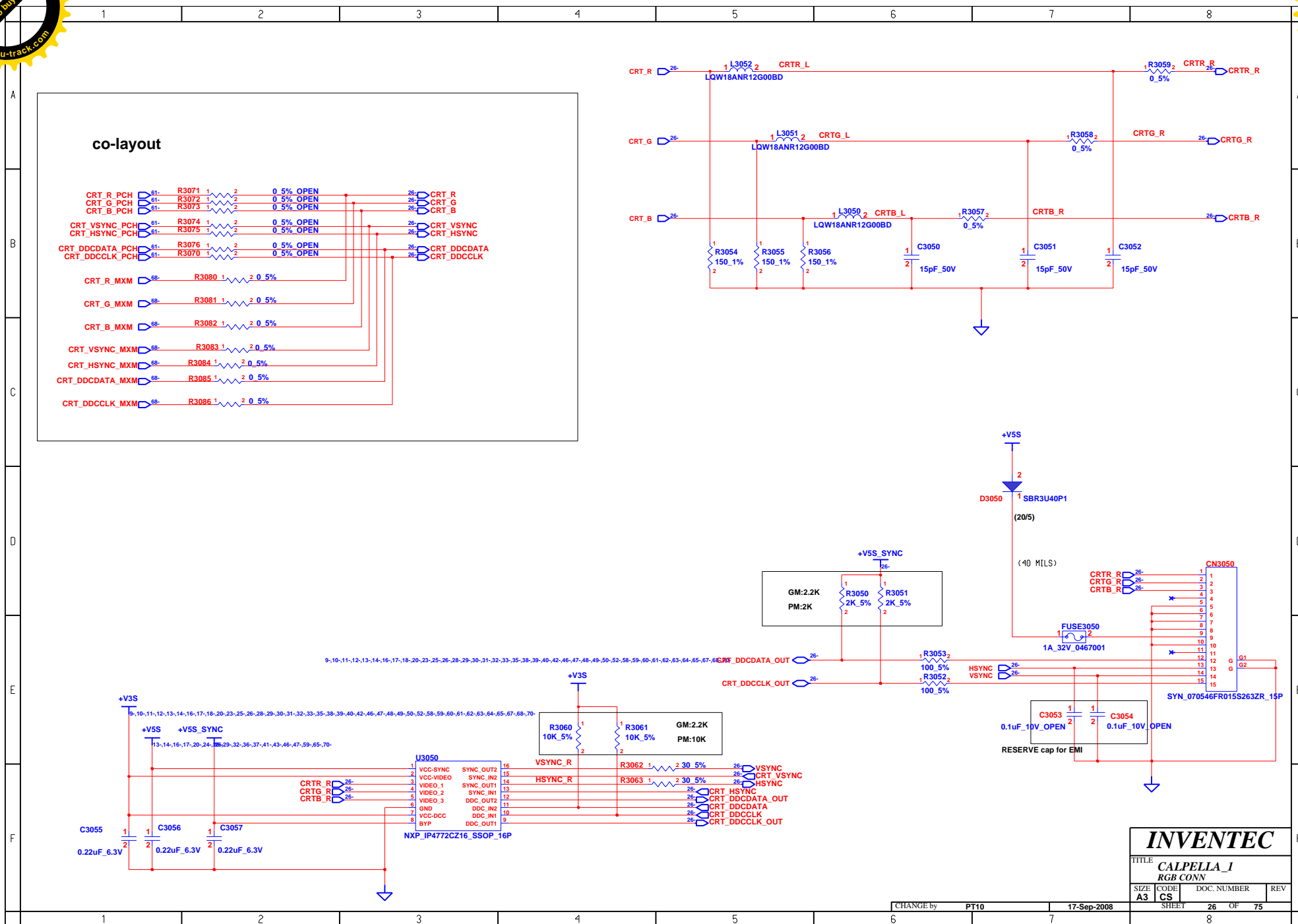
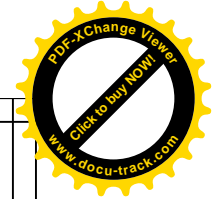
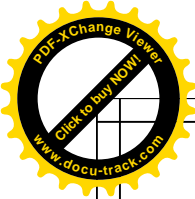
CHANGE by	PT10	25-Sep-2008
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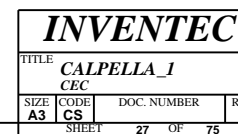
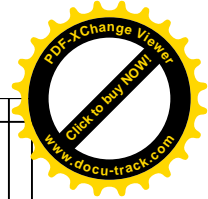
A3	CS	
SHEET		23 OF 75

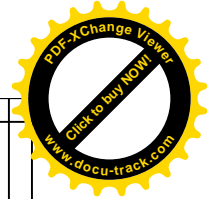
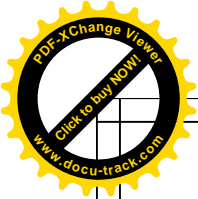


INVENTEC			
TITLE CS10G-6050A2256201-MB-X01			
Dual-mode DP			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 24		OF 75	

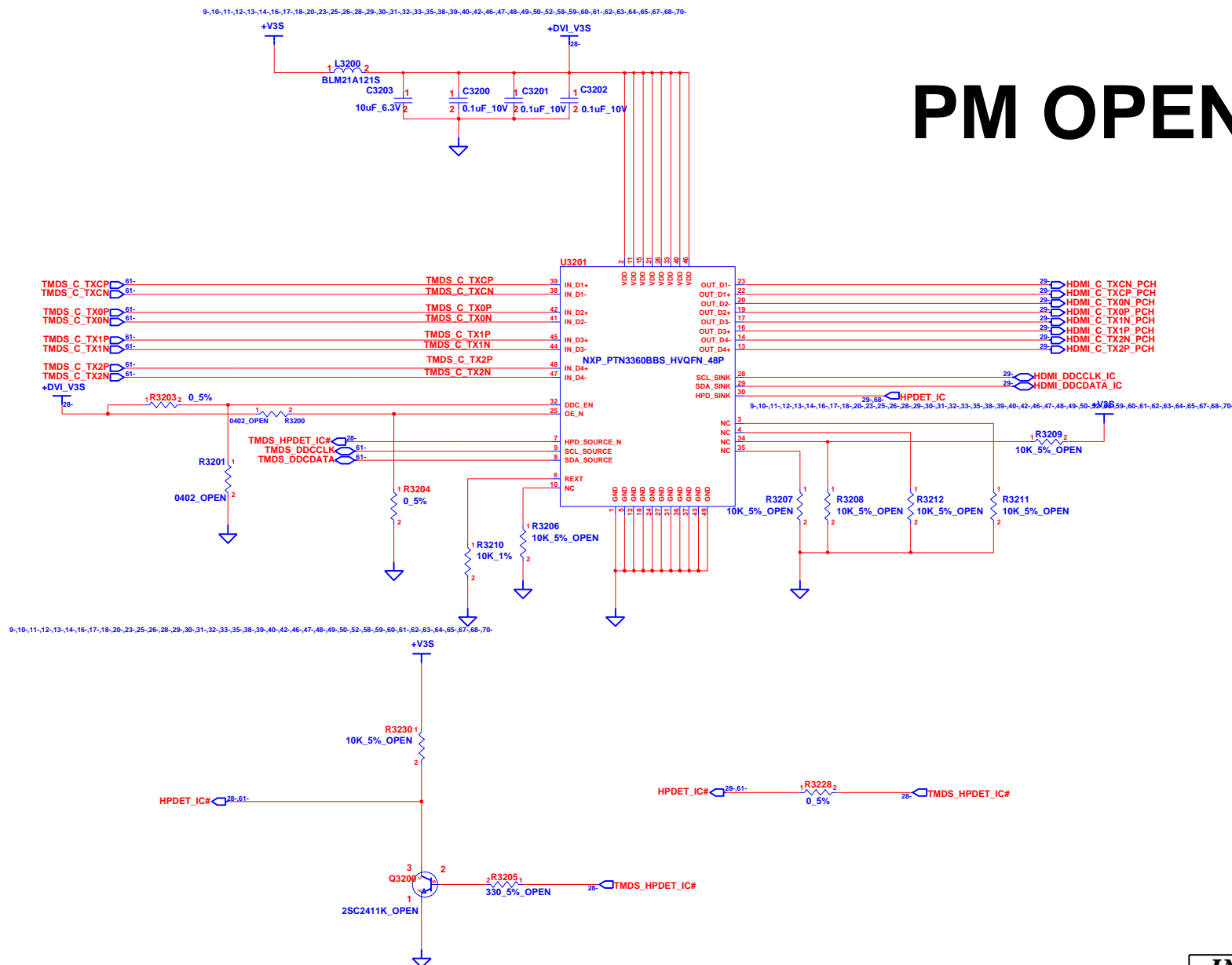




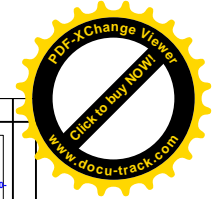


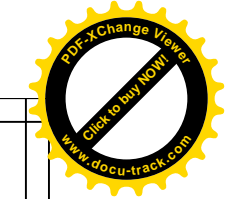
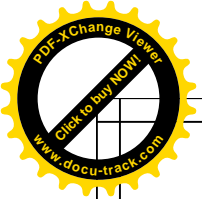


PM OPEN

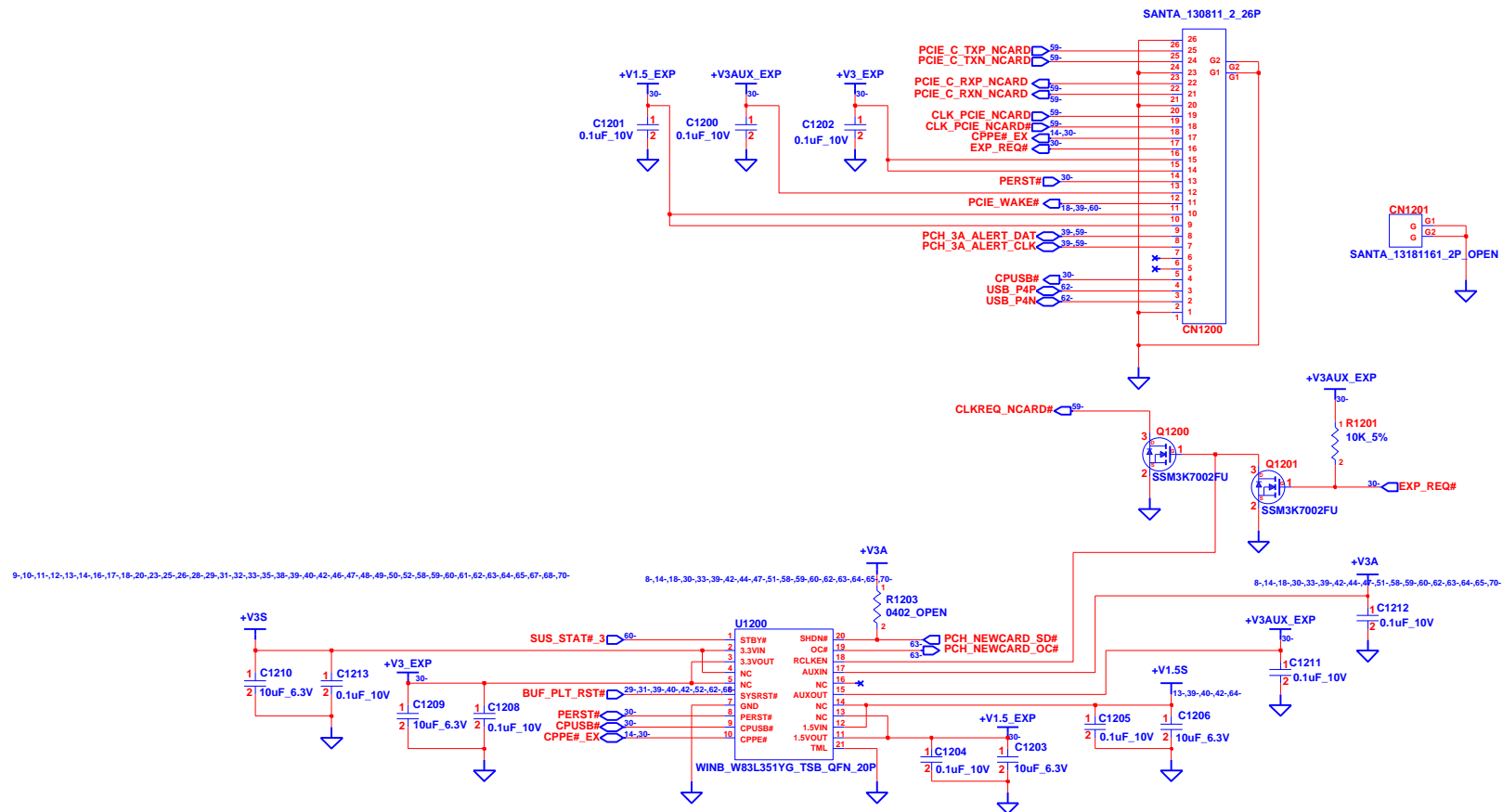


INVENTEC			
TITLE CALPELLA_1 HDMI Level Shifter			
SIZE A3	CODE CS	DOC. NUMBER	REV
CHANGE by PT10		21-Oct-2008	SHEET 28 OF 75





Express Card



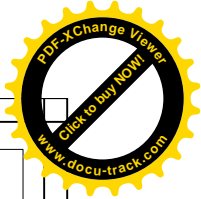
INVENTEC

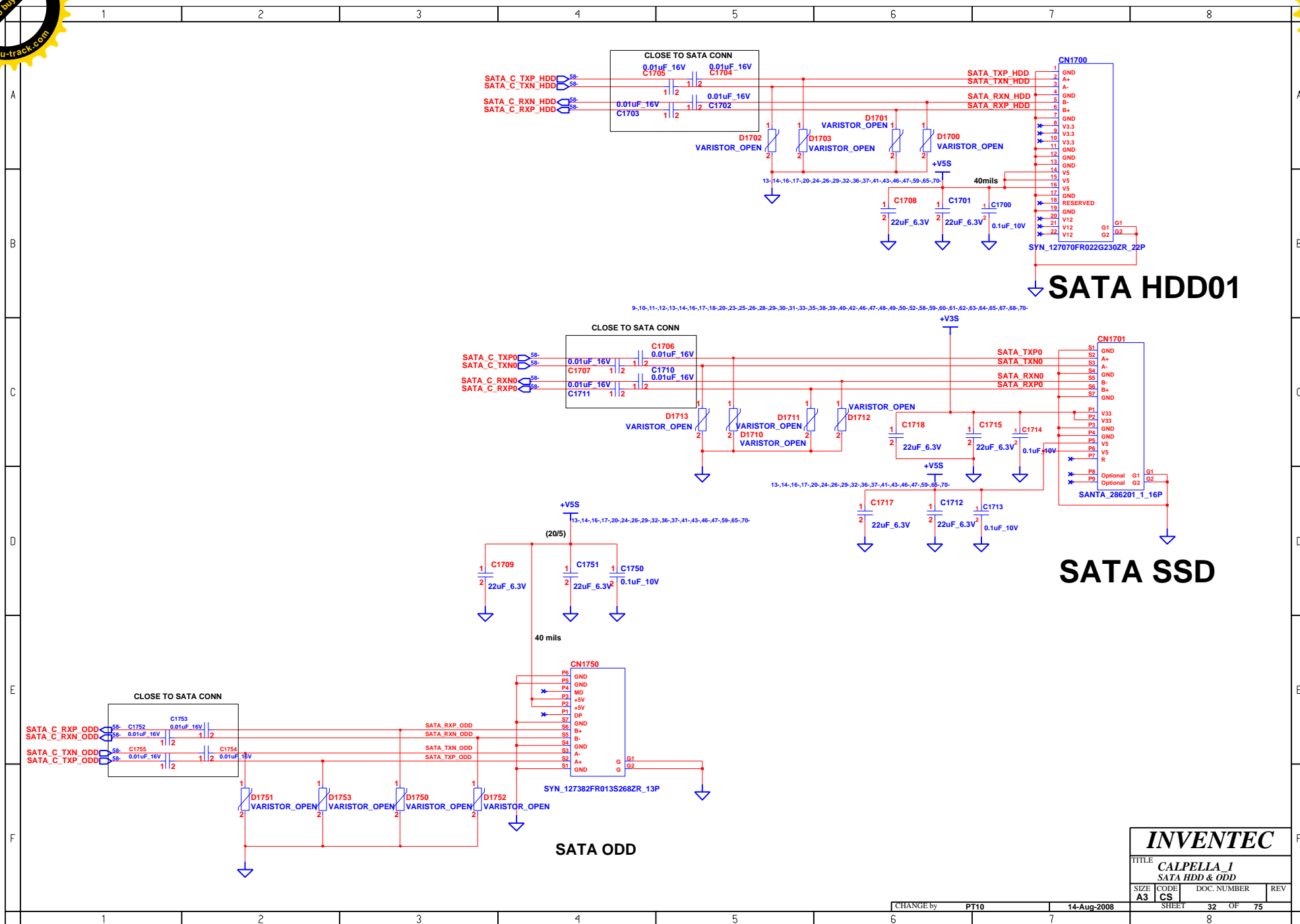
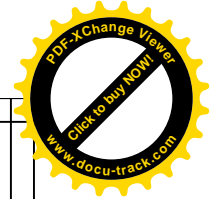
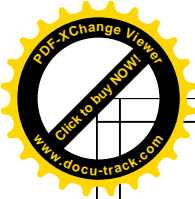
TITLE
CALPELLA_I
EXPRESS CARD

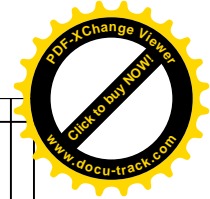
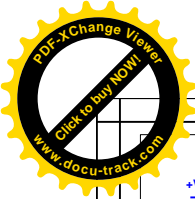
SIZE A3	CODE CS	DOC. NUMBER	REV
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SHEET 30	OF 75
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CHANGE by **PT10** 17-Sep-2008





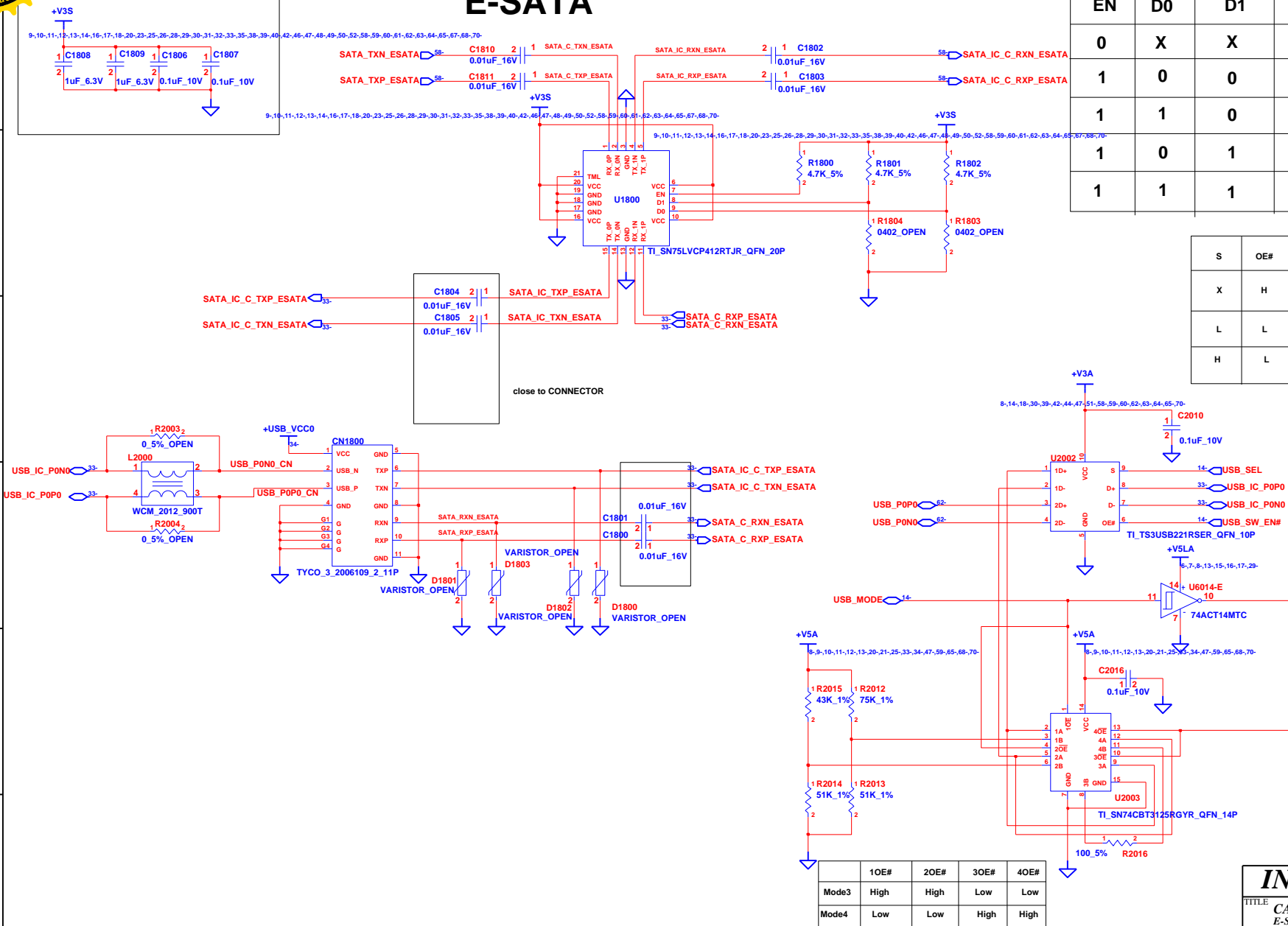


E-SATA

CLOSE TO IC PINS

EN	D0	D1	FUNCTION
0	X	X	STANDBY
1	0	0	DEFAULT
1	1	0	CH0->5DB
1	0	1	CH1->5DB
1	1	1	CH0,1->5DB

S	OE#	Function
X	H	Disconnect
L	L	D=1D
H	L	D=2D



	1OE#	2OE#	3OE#	4OE#
Mode3	High	High	Low	Low
Mode4	Low	Low	High	High

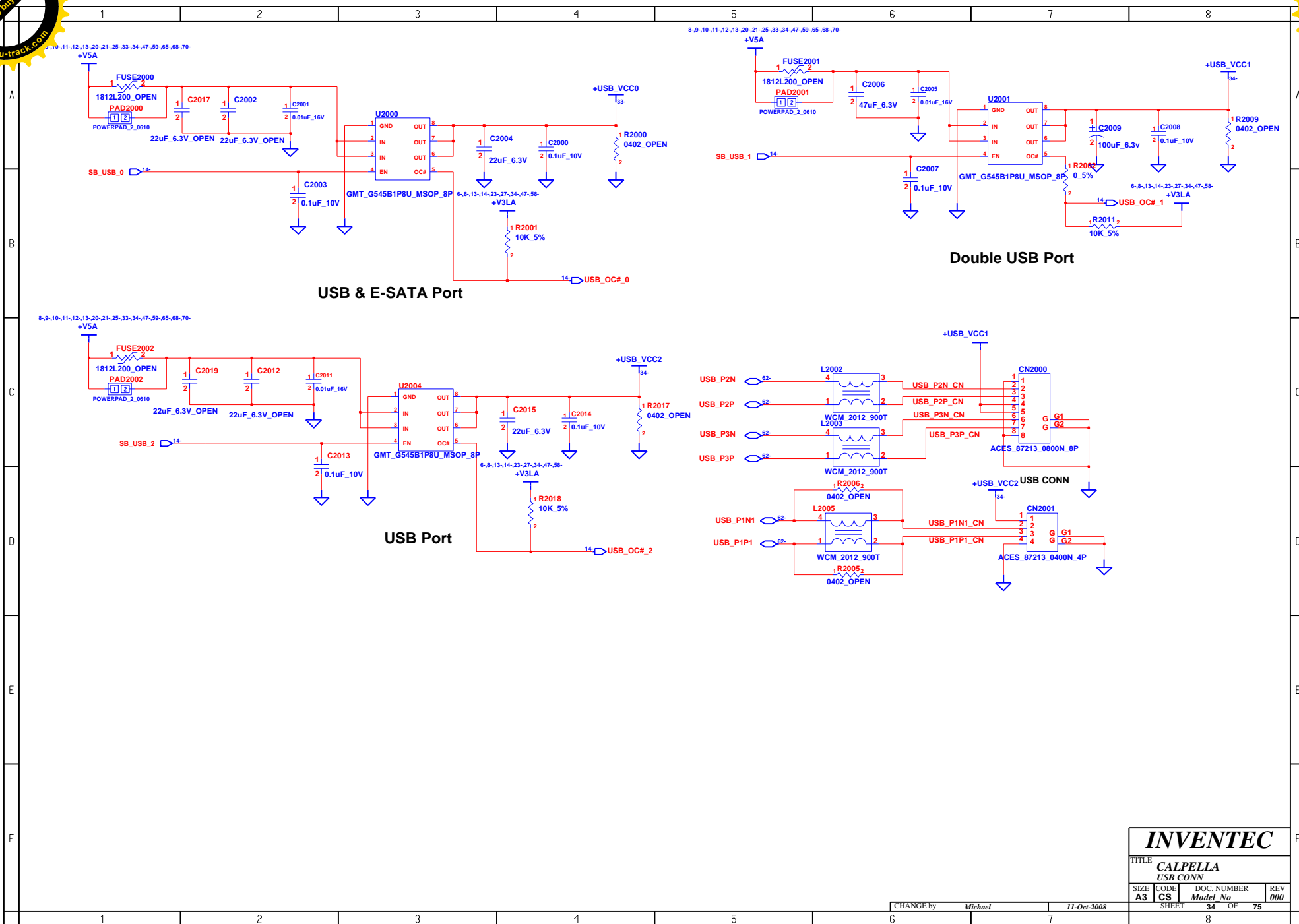
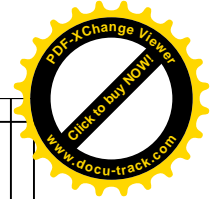
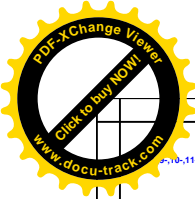
INVENTEC

TITLE
CALPELLA_I
E-SATA

SIZE	CODE	DOC. NUMBER	REV
A3	CS		

CHANGE by PT10 17-Sep-2008

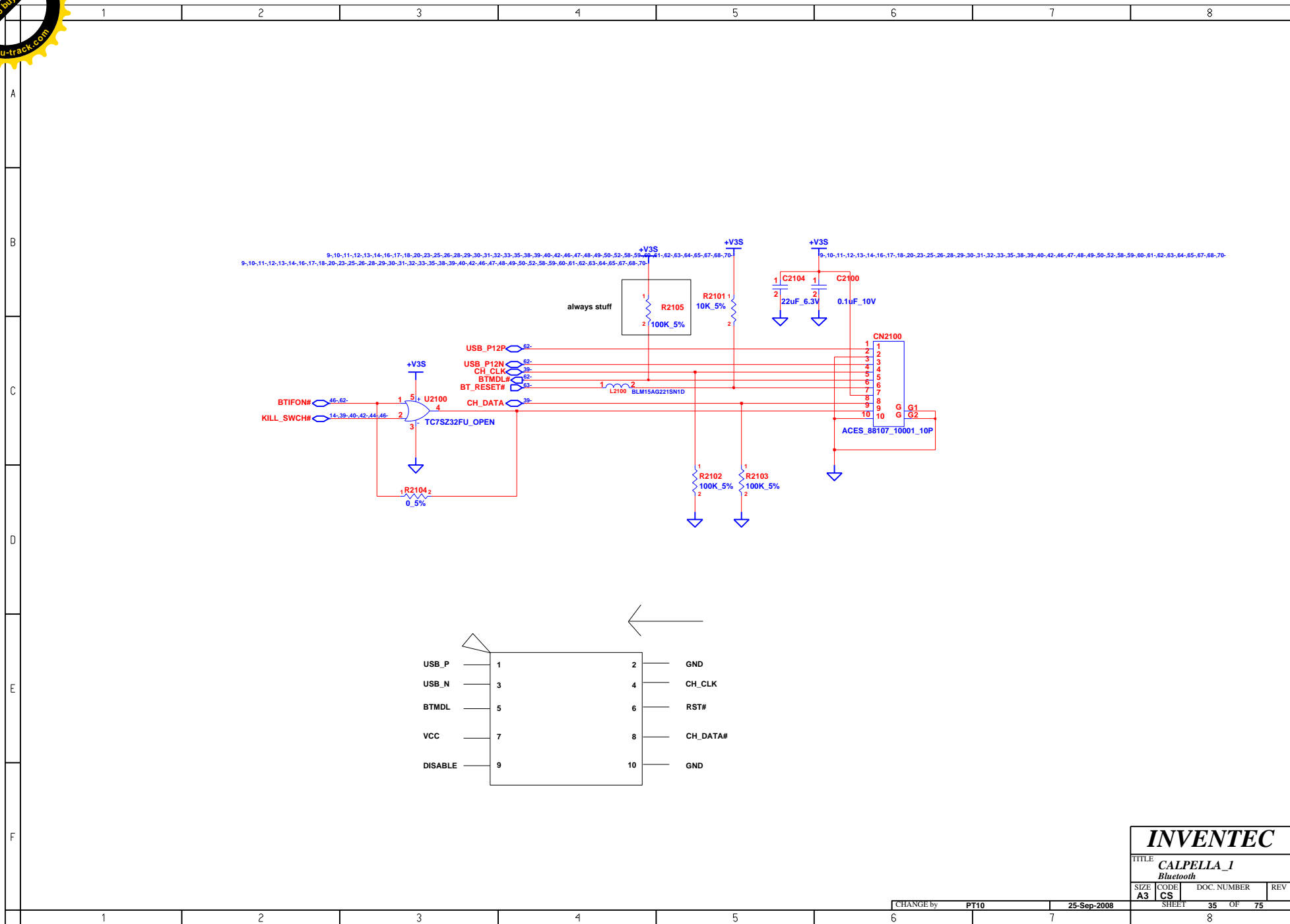
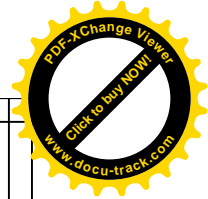
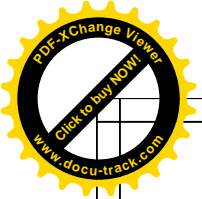
SHEET 33 OF 75



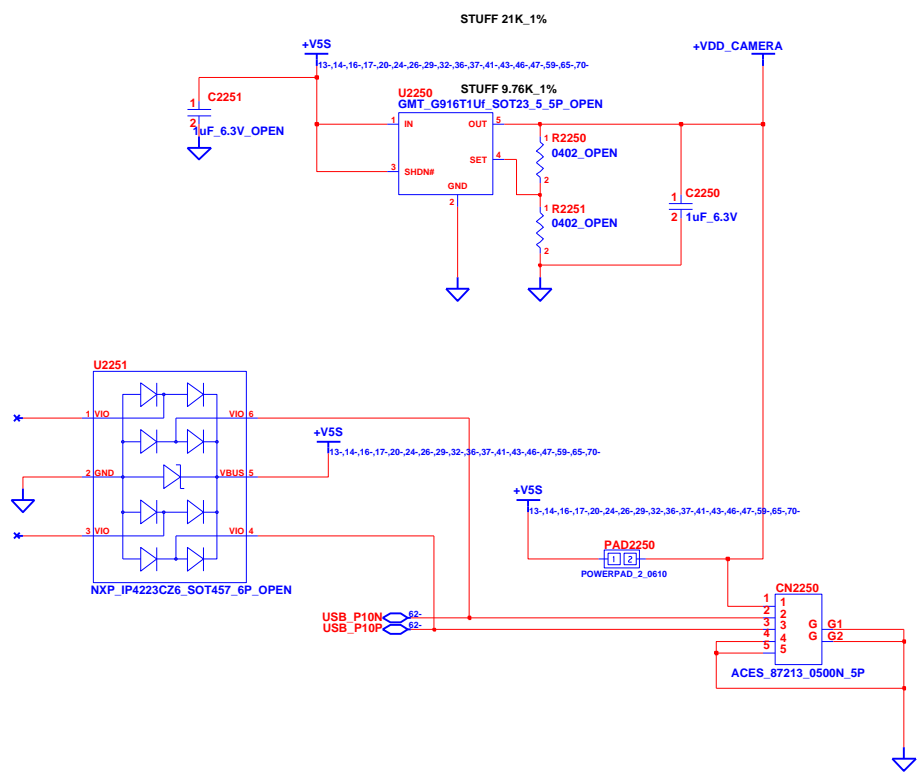
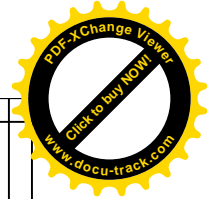
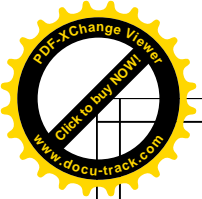
INVENTEC			
TITLE CALPELLA USB CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000

CHANGE by Michael 11-Oct-2008

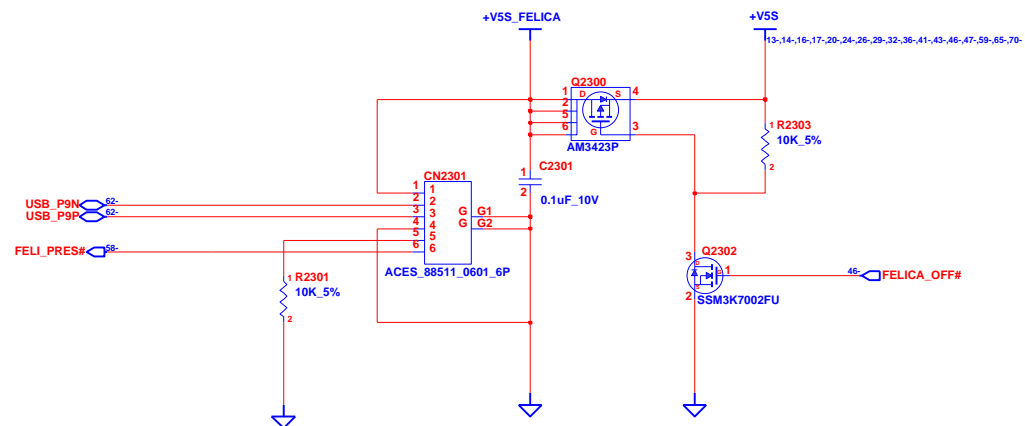
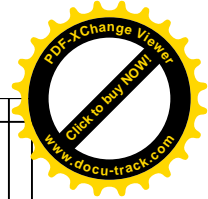
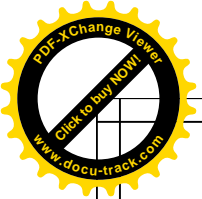
SHEET 34 OF 75



INVENTEC			
TITLE			
CALPELLA_I			
Bluetooth			
SIZE	CODE	DOC. NUMBER	REV
A3	CS		
CHANGE by		PT10	25-Sep-2008
SHEET		35	OF 75
		8	

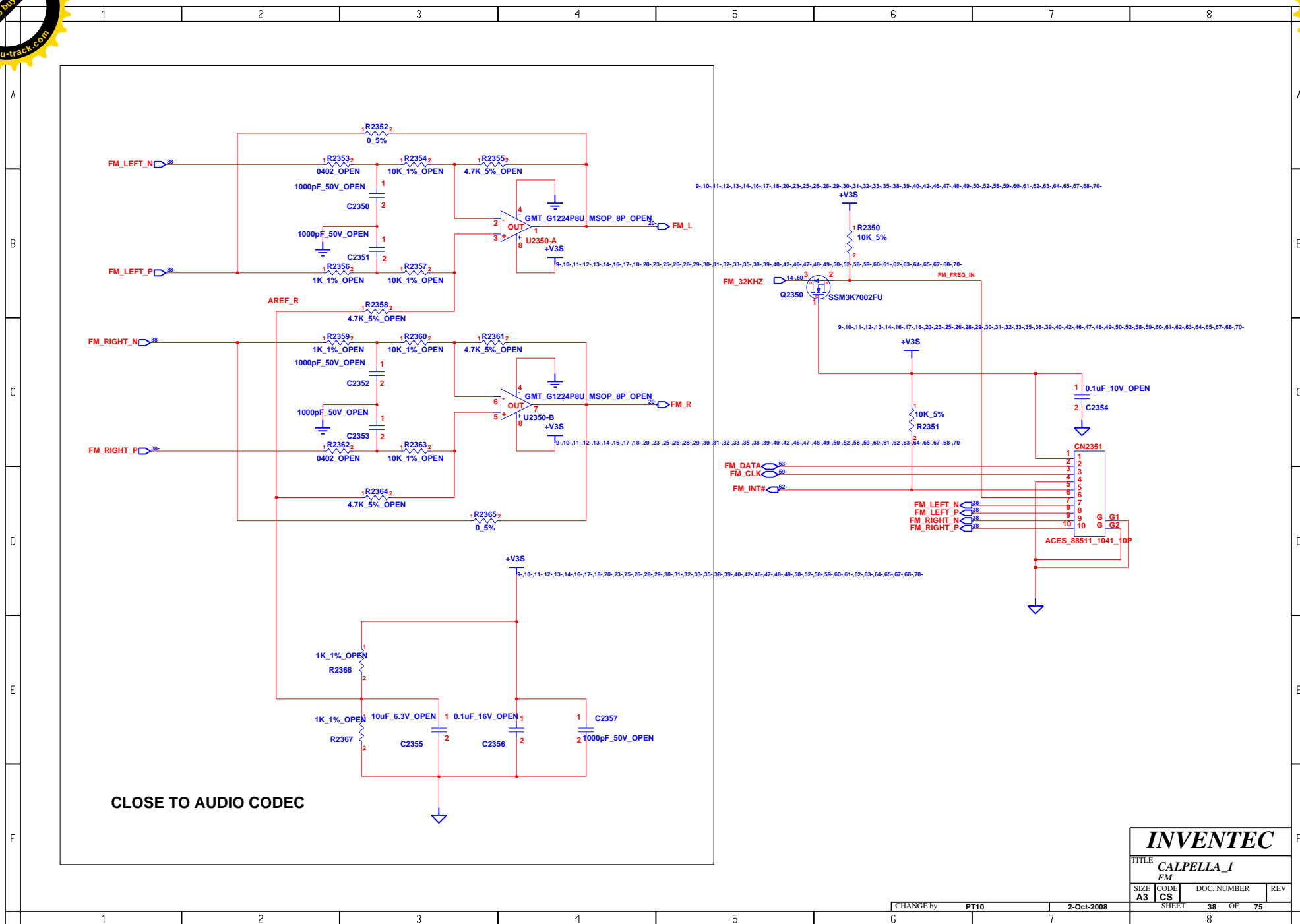
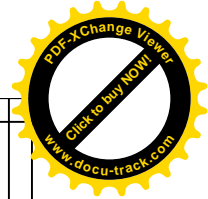
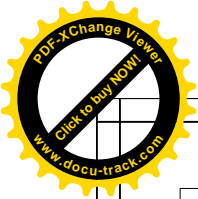


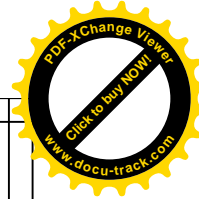
INVENTEC			
TITLE			
CALPELLA_I			
Camera			
SIZE	CODE	DOC. NUMBER	REV
A3	CS		
CHANGE by		PT10	25-Sep-2008
SHEET		36	OF 75
		8	



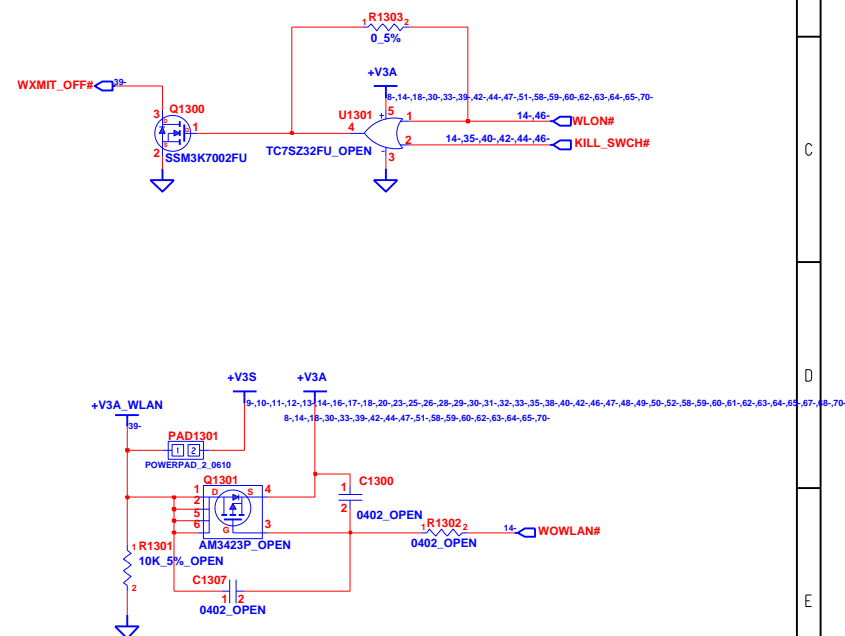
INVENTEC			
TITLE CALPELLA_I Felica			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 37		OF 75	

CHANGE by PT10 11-Feb-2009





MINI CARD 1

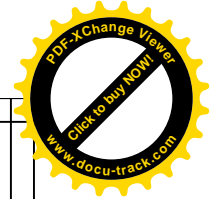
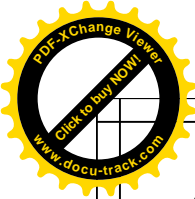


Note:		
	Peak(max)mA	Normal(max)mA
3.3V	2,750mA	1,100mA
1.5V	500mA	375mA

INVENTEC

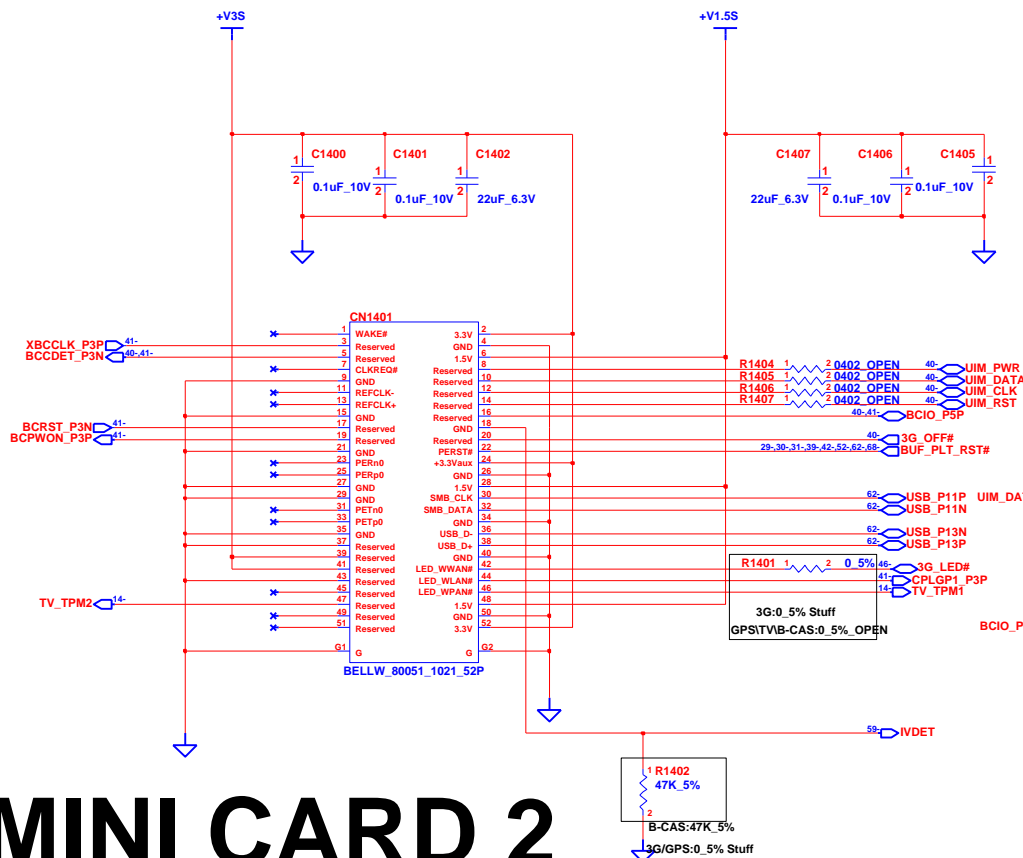
TITLE			
<i>CALPELLA_1</i>			
<i>WLAN</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS		

CHANGE by	PT10	16-Oct-2008
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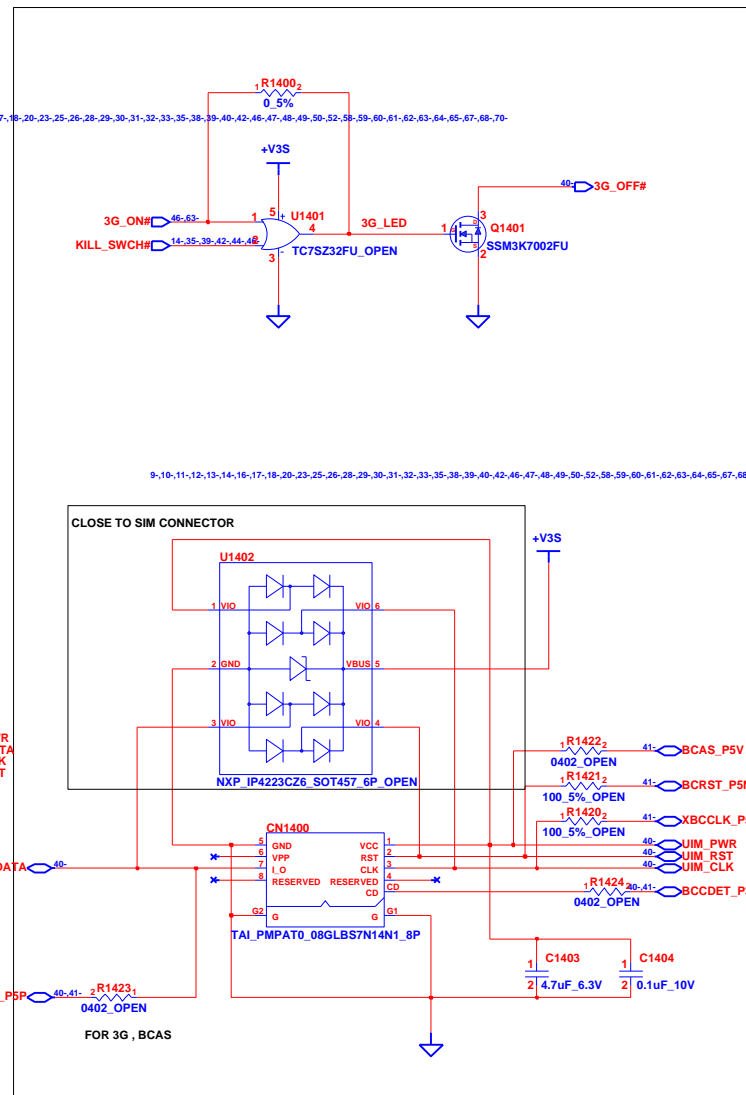


3G/GPS/TV TUNER

9-10-11-12-13-14-16-17-18-20-23-25-26-28-29-30-31-32-33-35-38-39-40-42-46-47-48-49-50-52-58-59-60-61-62-63-64-65-67-68-70

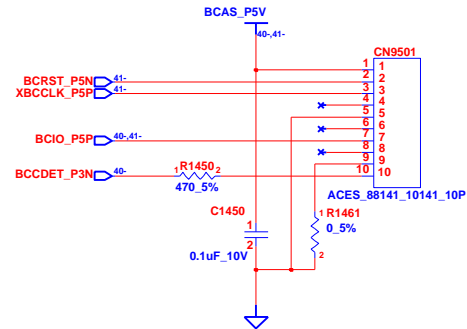
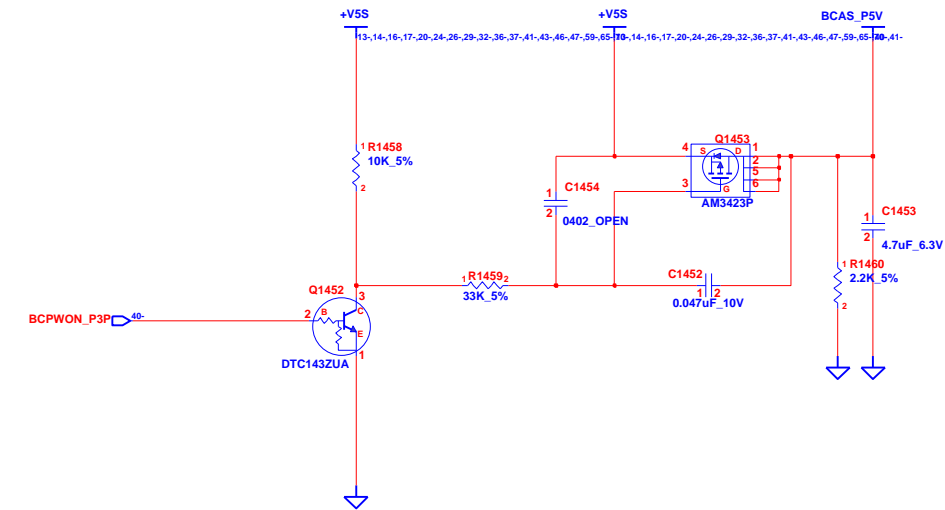
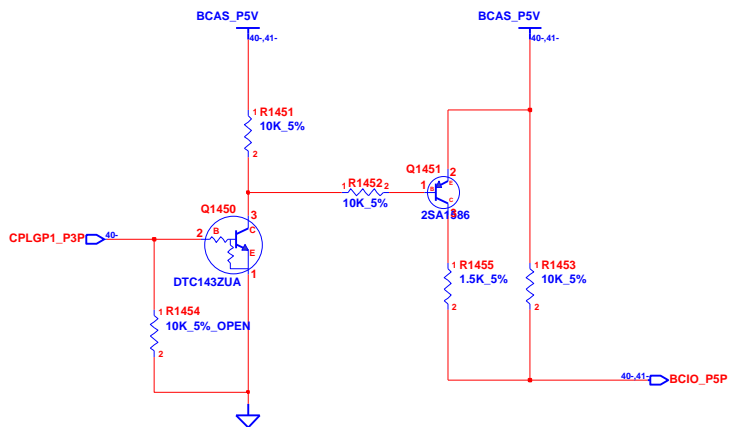
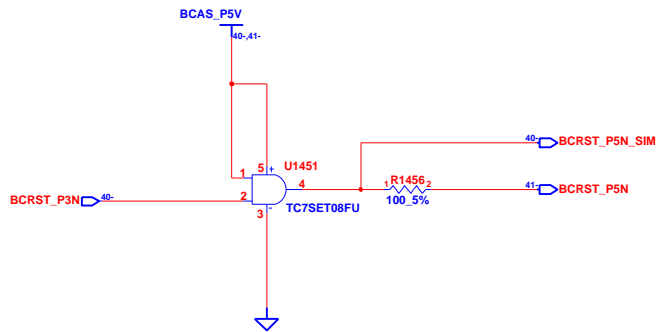
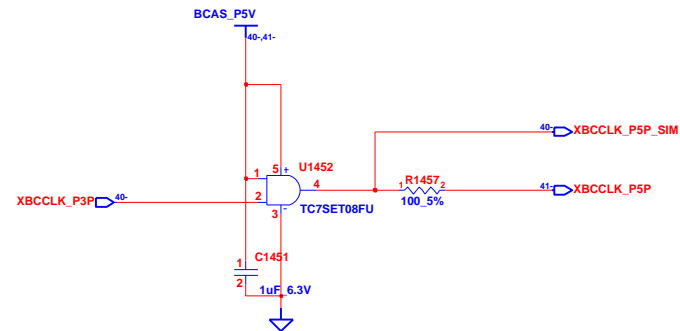
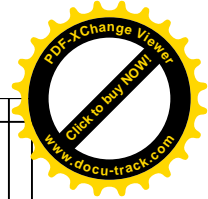
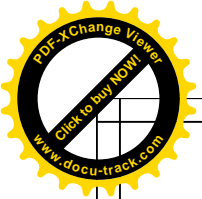


MINI CARD 2



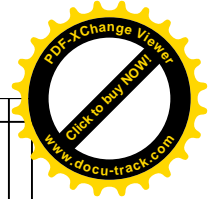
INVENTEC			
TITLE CALPELLA_1			
3G			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 40		OF 75	

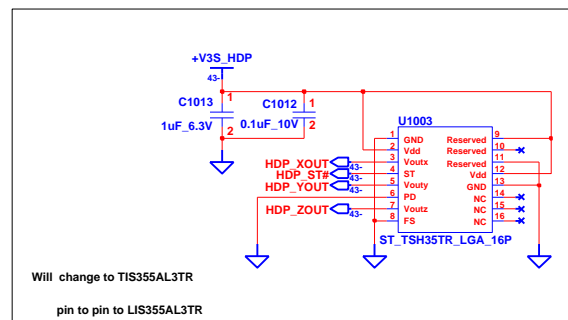
CHANGE by PT10 25-Sep-2008



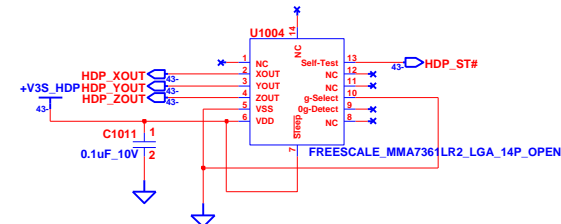
B-CAS CARD

INVENTEC			
TITLE CALPELLA_PM B-CAS CARD			
SIZE A3	CODE CS	DOC. NUMBER	REV
CHANGE by CS10G		11-Feb-2009	SHEET 41 OF 75

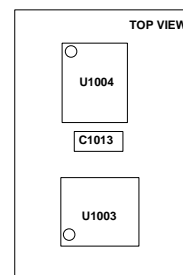




pin to pin to LIS355AL3TR



Need to change: schematic is different



	C1003	C1004	C1005
TIS355AL3TR	0.033u	0.033u	0.033u
MMA731L	0.1u	0.1u	0.1u

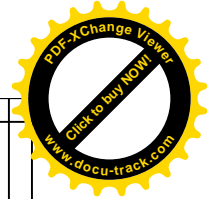
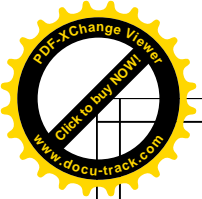
INVENTEC

TITLE	<i>CALPELLA_1</i> <i>3D sensor</i>
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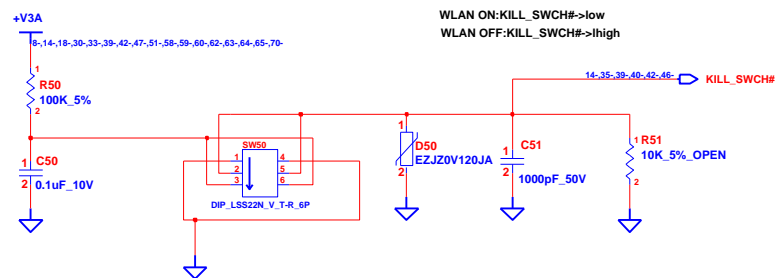
SIZE A3	CODE CS	DOC. NUMBER	REV
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CHANGE by	TESTBU2	11-Oct-2008
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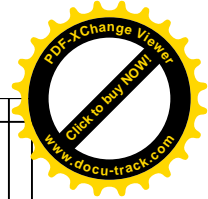
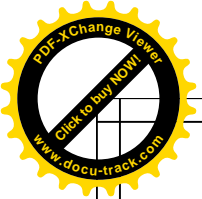
SHEET 43 OF 75



KILL SWITCH



INVENTEC			
TITLE CALPELLA_I KILL SW			
SIZE A3	CODE CS	DOC. NUMBER	REV
CHANGE by PT10		18-Aug-2008	SHEET 44 OF 75

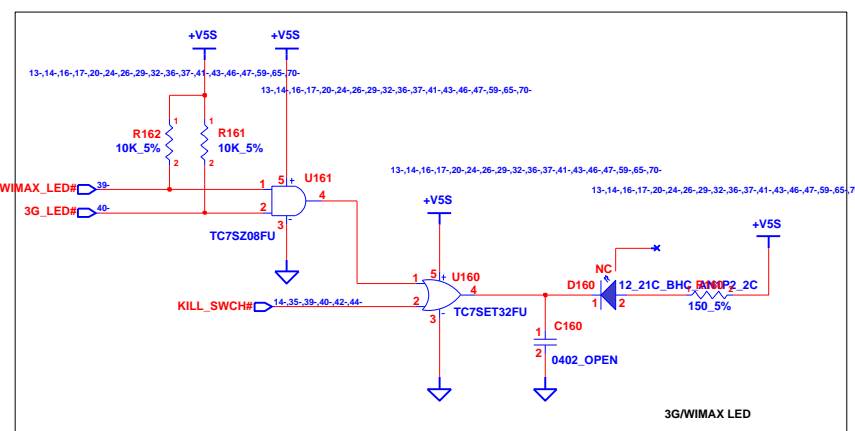
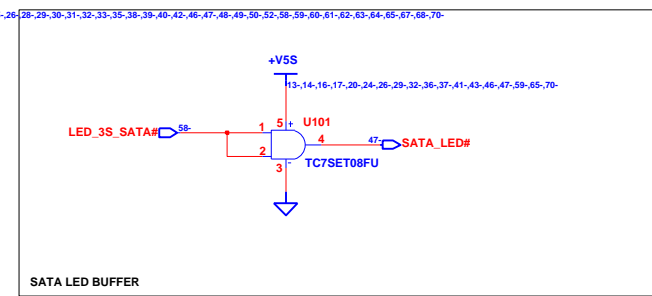
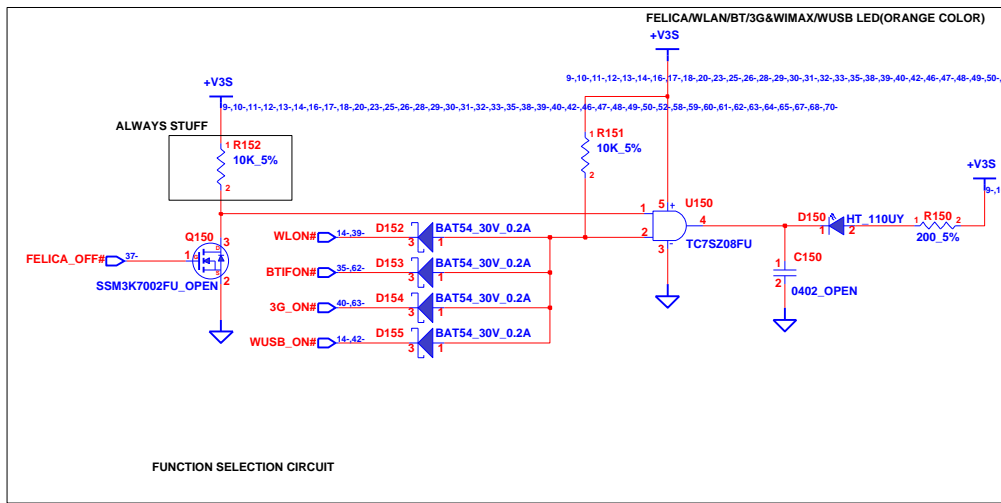
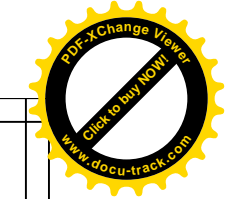
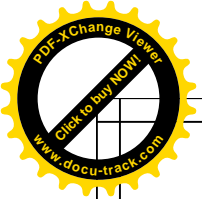


	1	2	3	4	5	6	7	8	
A									
B									
C									
D									
E									
F									
	1	2	3	4	5	6	7	8	

BLANK

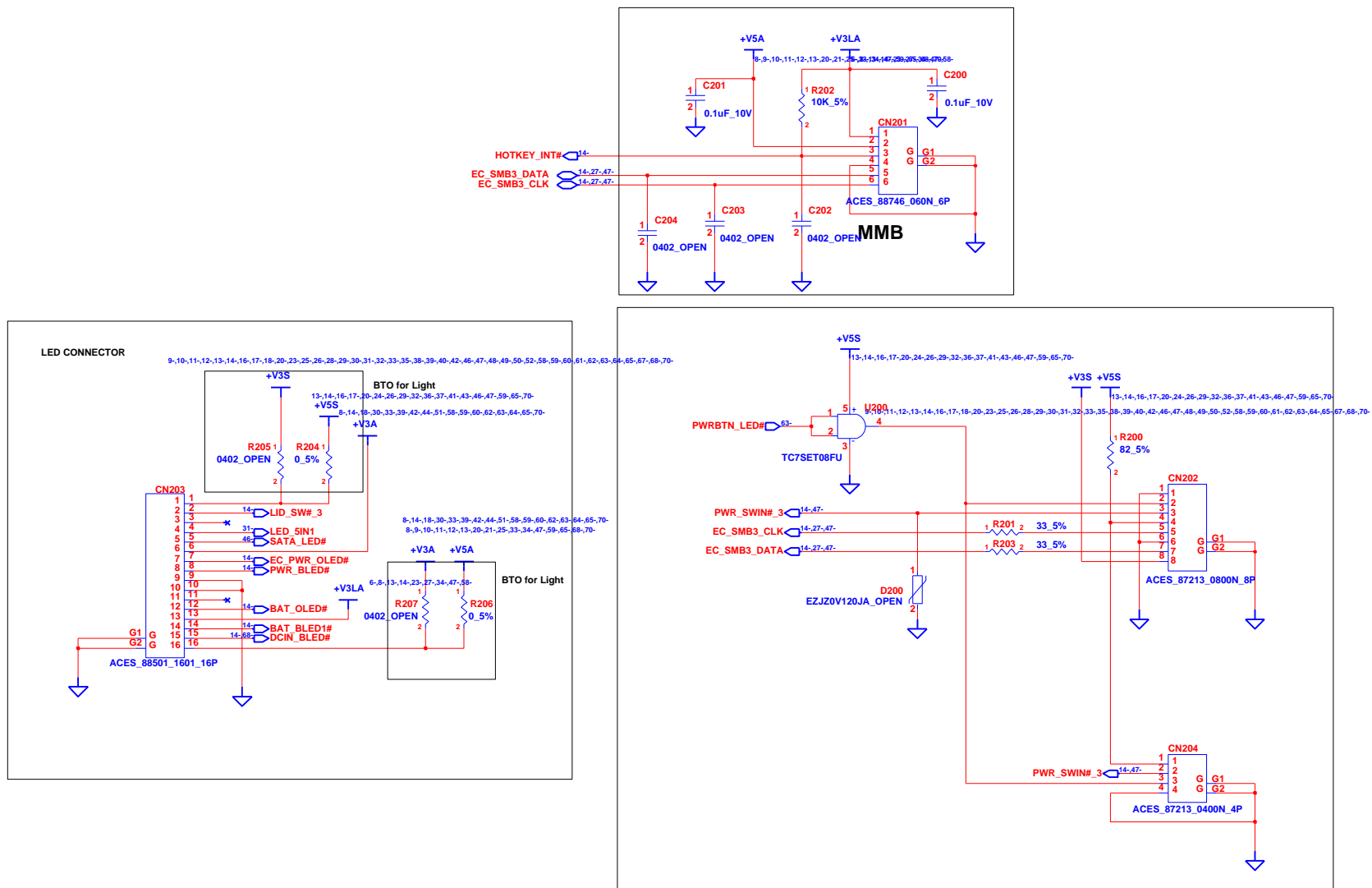
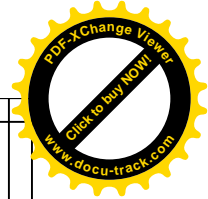
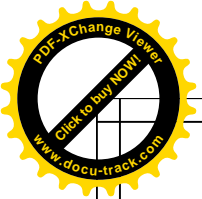
INVENTEC			
TITLE <i>CALPELLA_I</i>			
LID SW			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET		45	OF 75

CHANGE by **PT10** 11-Feb-2009



INVENTEC			
TITLE CALPELLA_I LED			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 46		OF 75	

CHANGE by	PT10	18-Aug-2008
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Power board Connector & Light Sensor

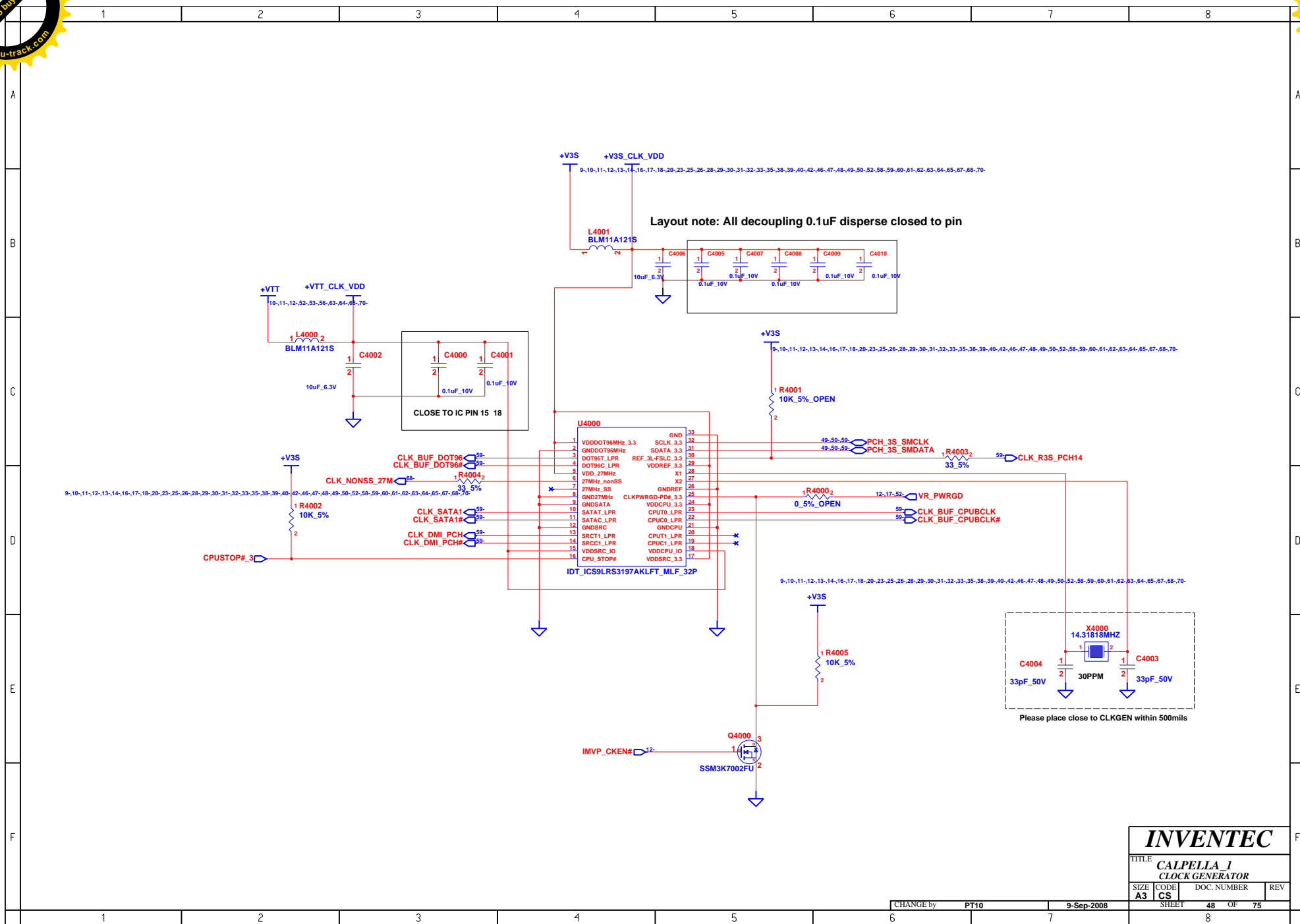
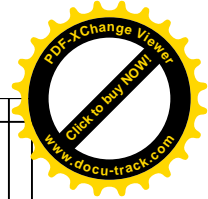
INVENTEC

TITLE
**CALPELLA_I
CONNECTOR**

SIZE A3	CODE CS	DOC. NUMBER	REV
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CHANGE by **PT10** 11-Oct-2008

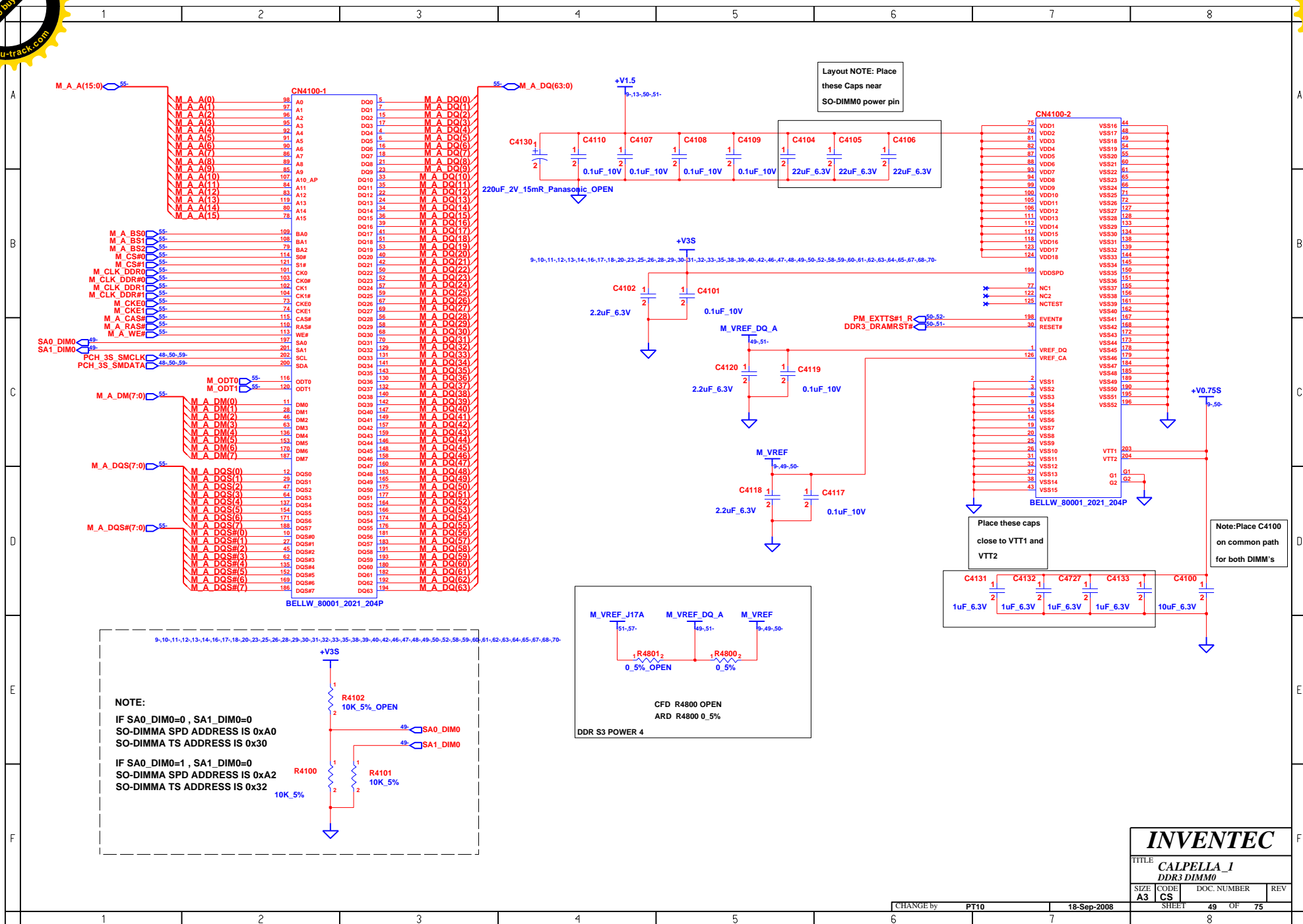
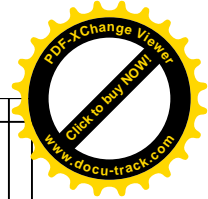
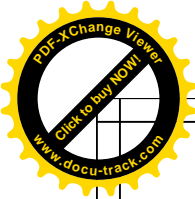
SHEET **47** OF **75**

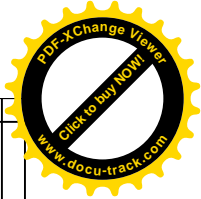


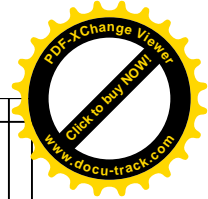
INVENTEC

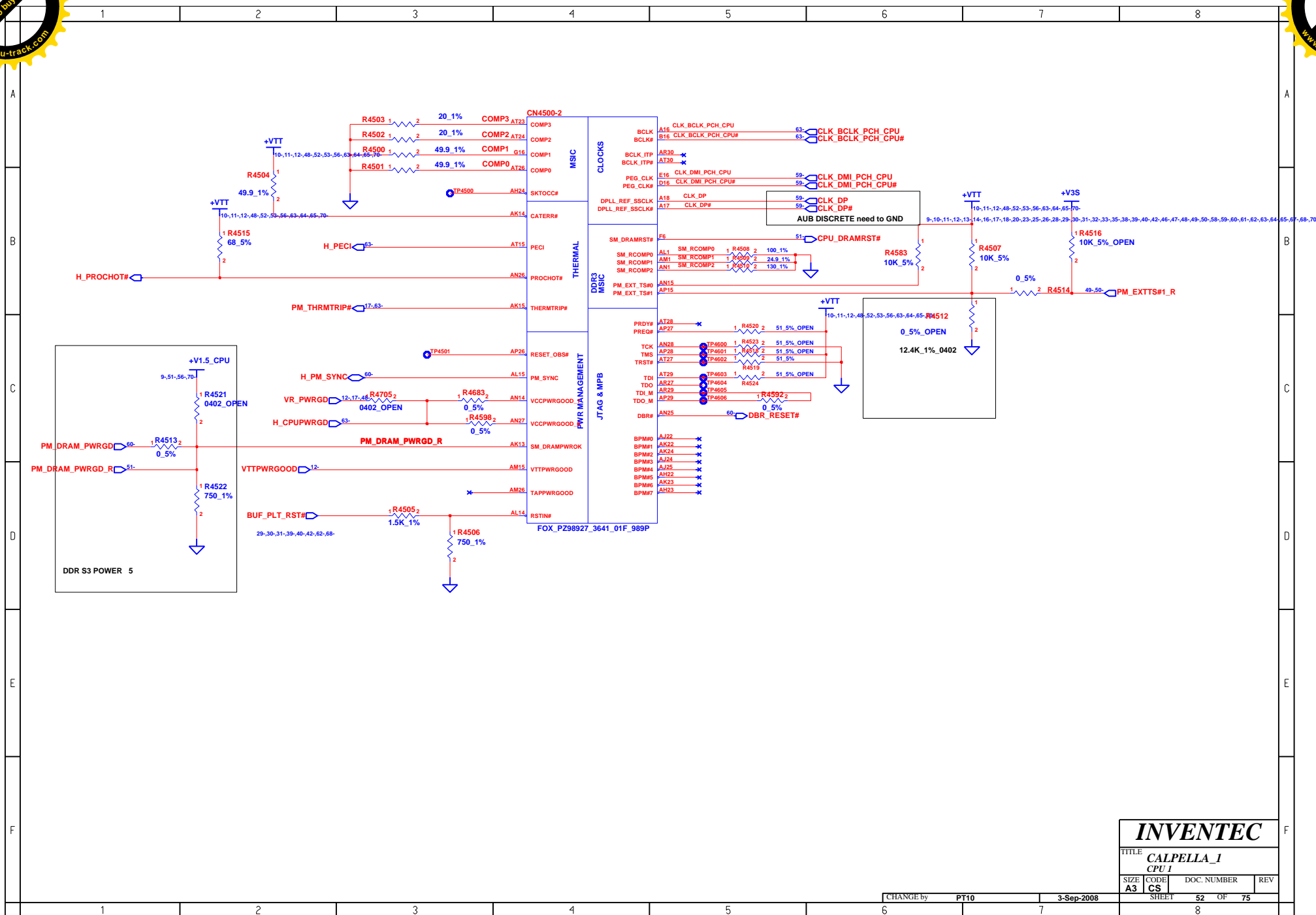
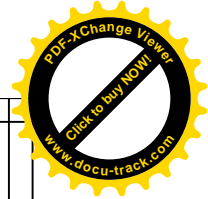
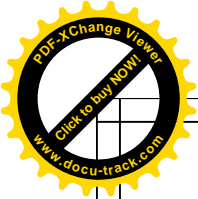
TITLE: CALPELLA 1
CLOCK GENERATOR
SIZE: A3
CODE: CS
DOC. NUMBER: 48
REV: 75

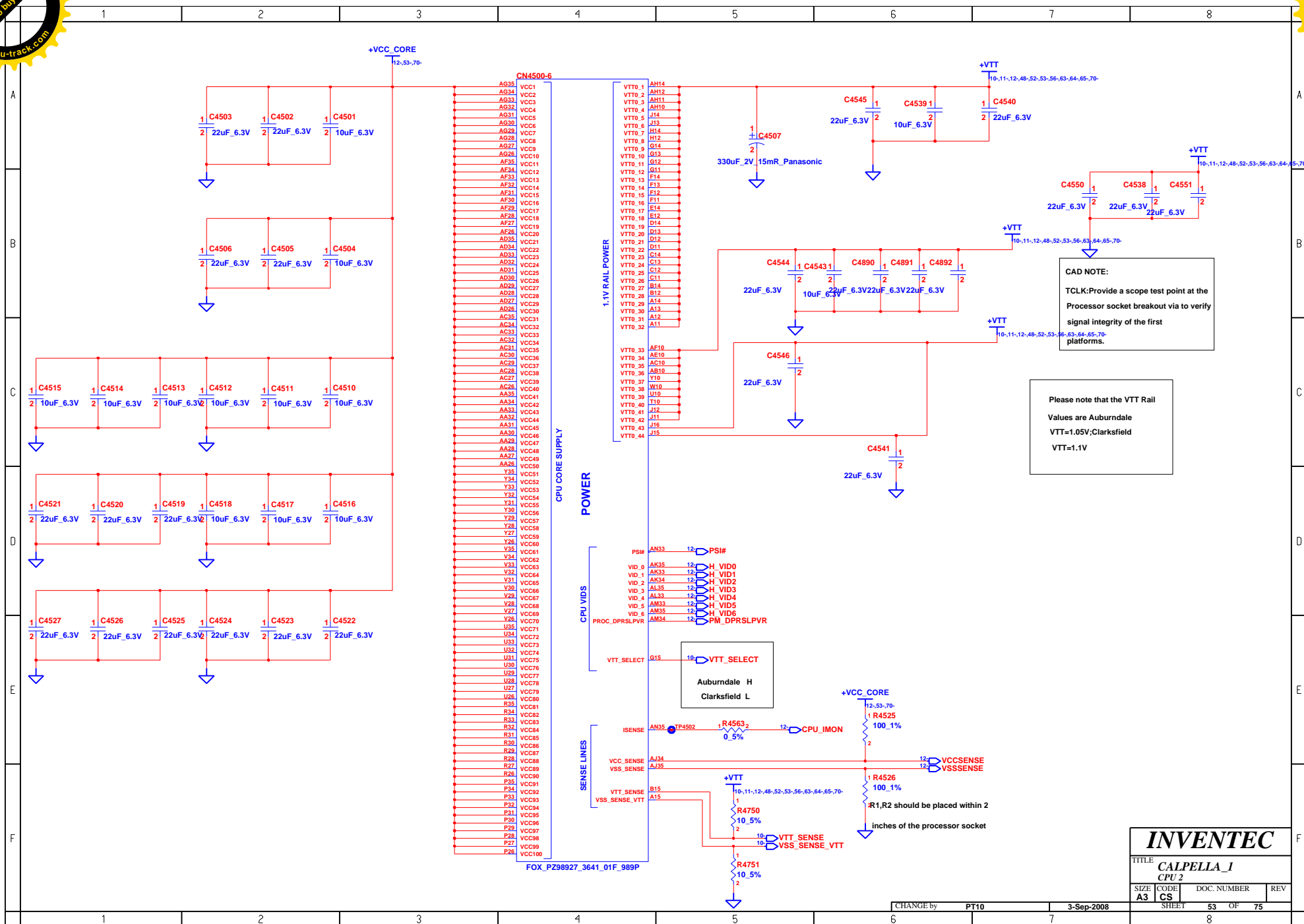
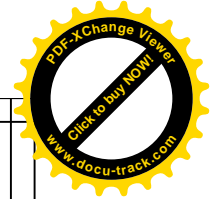
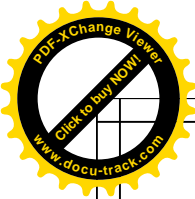
CHANGE by: PT10 9-Sep-2008











1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

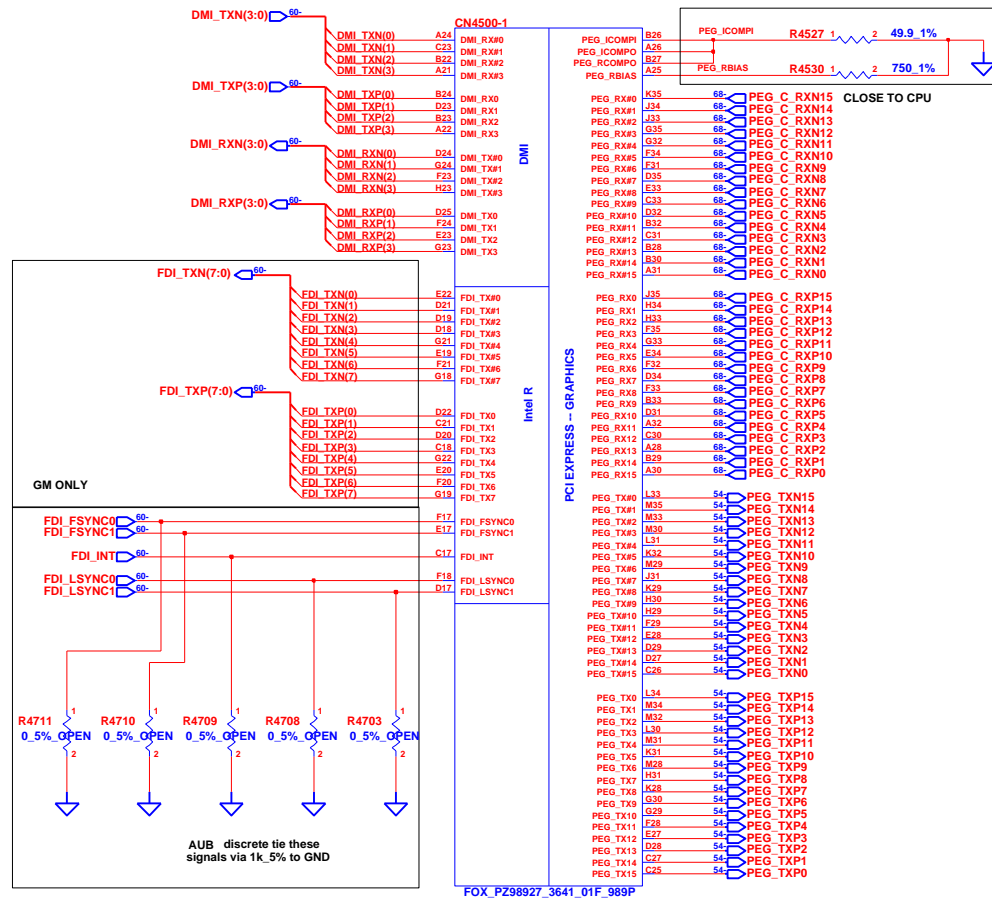
B

C

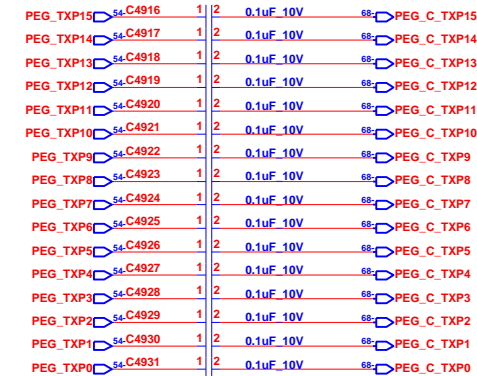
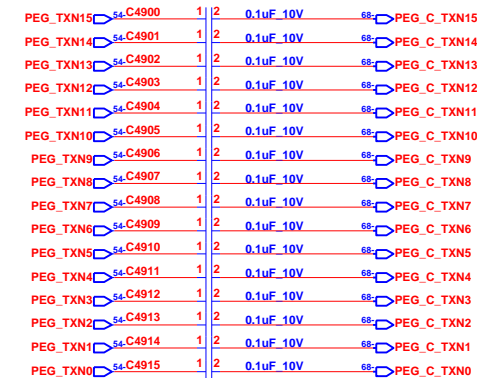
D

E

F



CLOSE to CPU

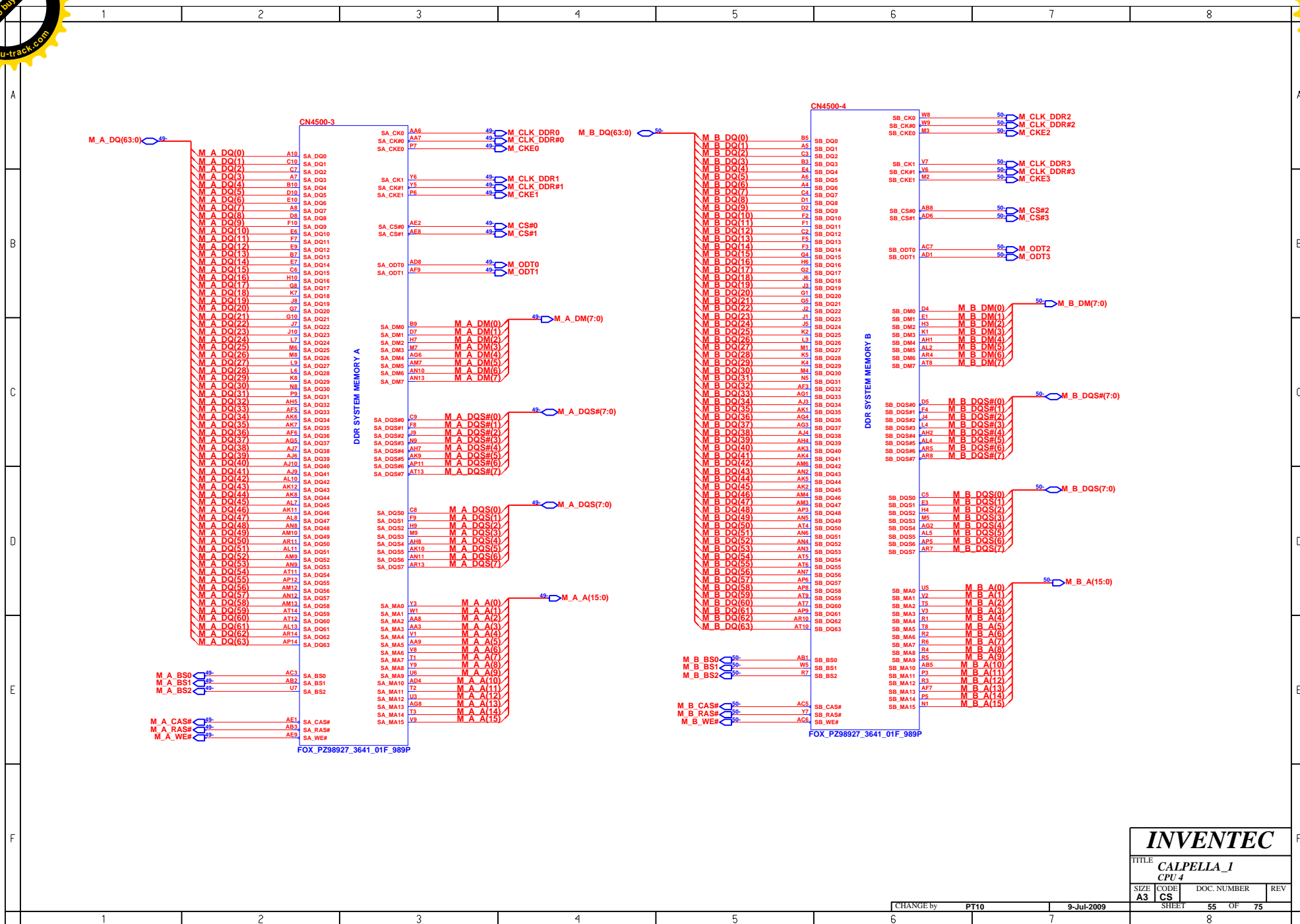
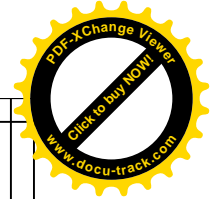
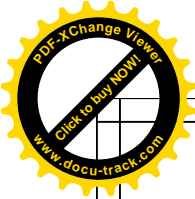


INVENTEC

TITLE
CALPELLA_1
CPU 3

SIZE	CODE	DOC. NUMBER	REV
A3	CS	SHEET 54 OF 75	

CHANGE by PT10 18-Aug-2008

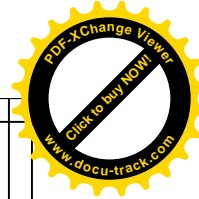


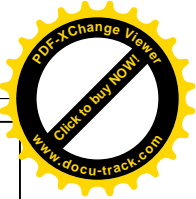
INVENTEC

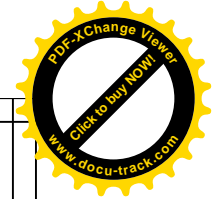
TITLE
CALPELLA_1
CPU 4

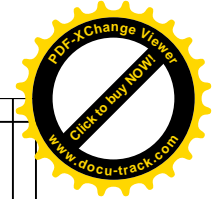
SIZE CODE DOC. NUMBER REV
A3 CS SHEET 55 OF 75

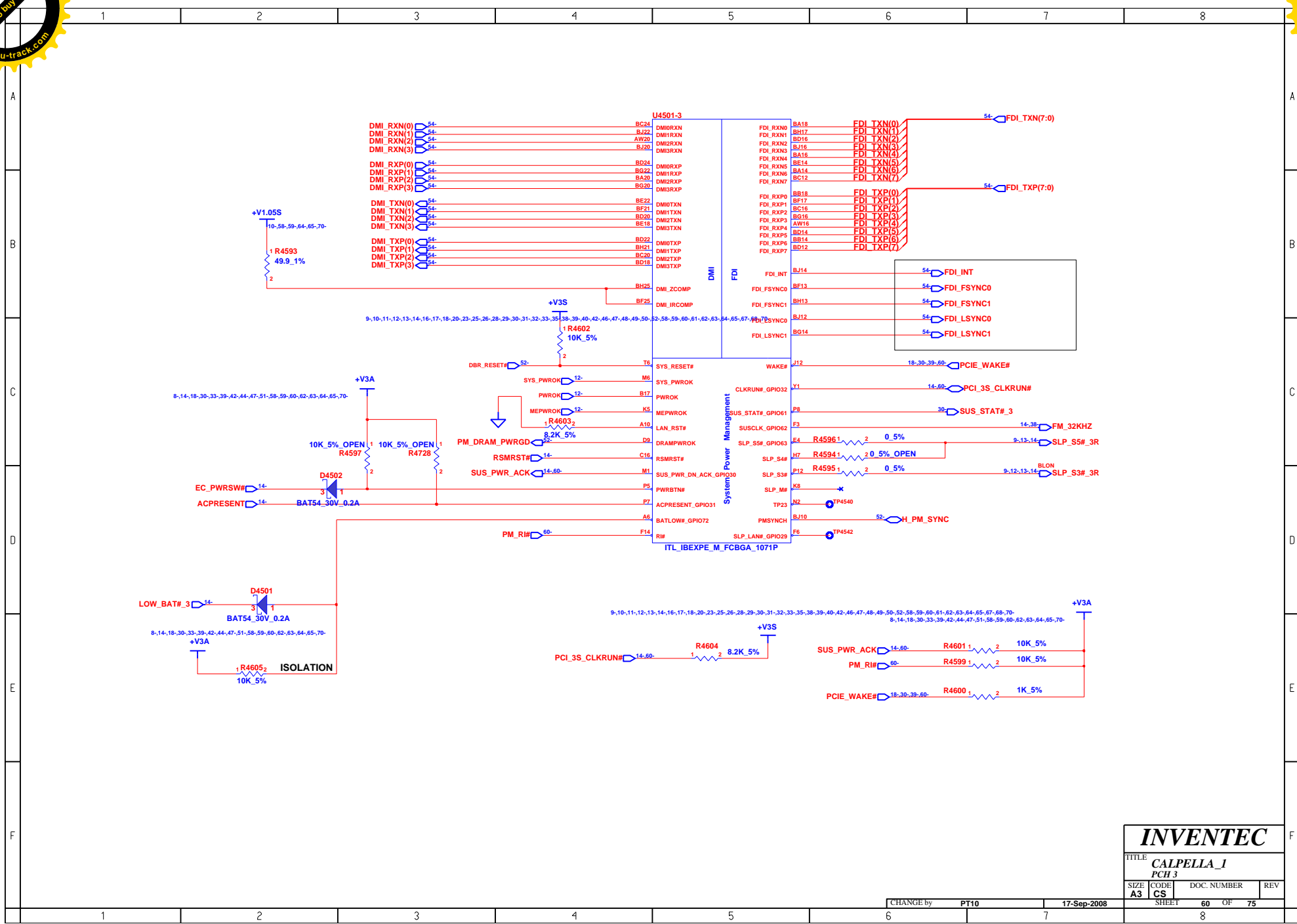
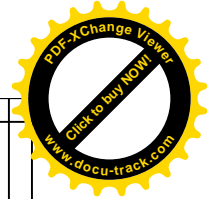
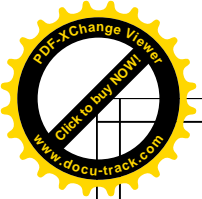
CHANGE by PT10 9-Jul-2009



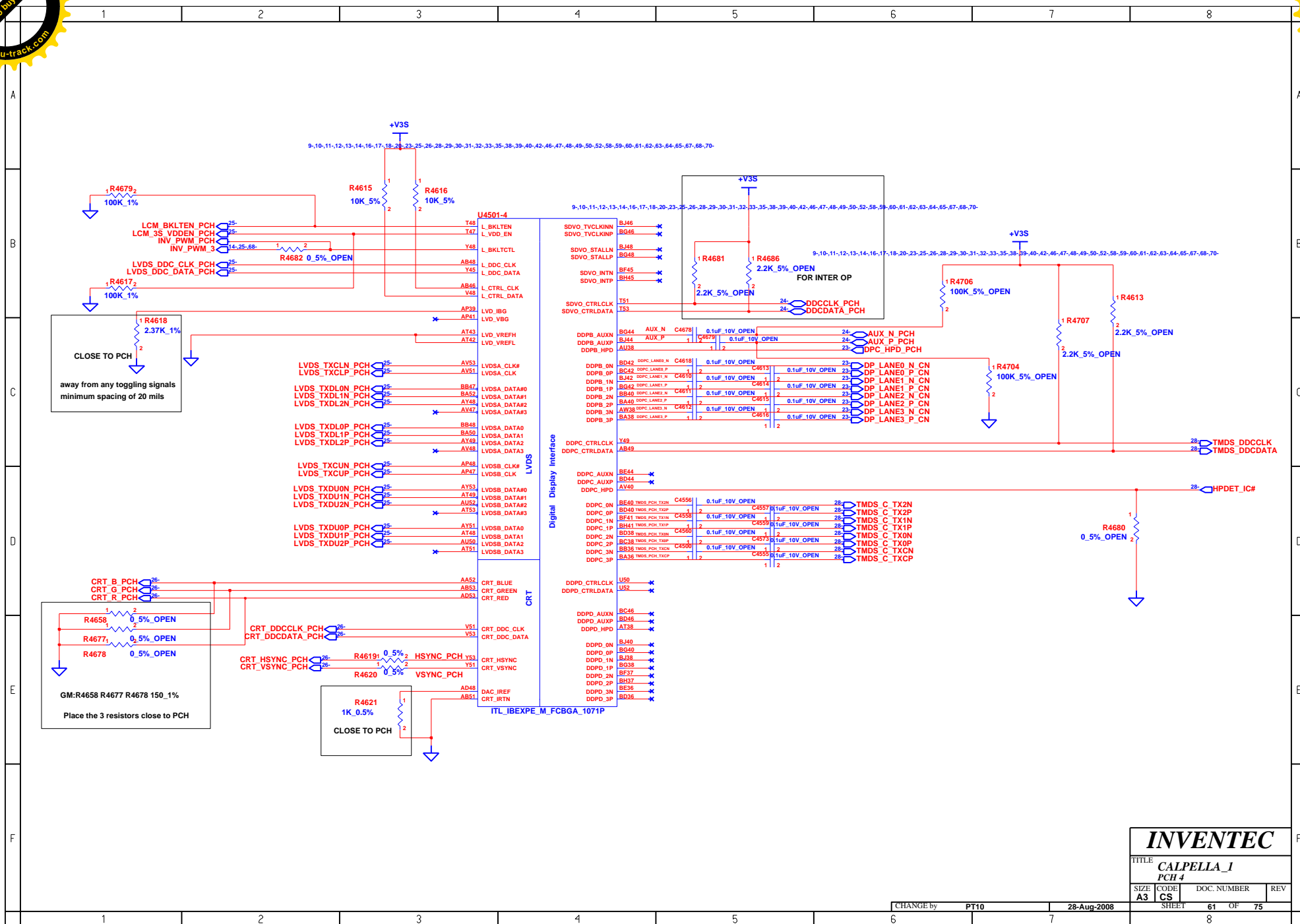
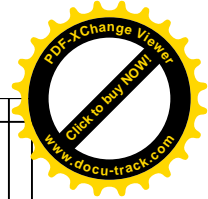
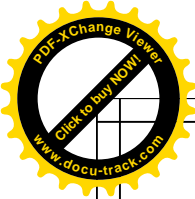


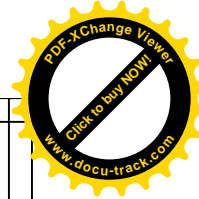


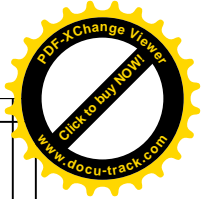


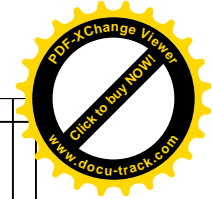


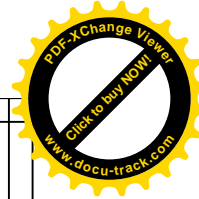
INVENTEC			
TITLE CALPELLA_I PCH 3			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET		60	OF 75

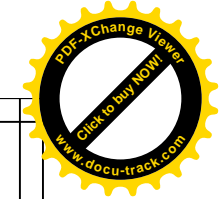
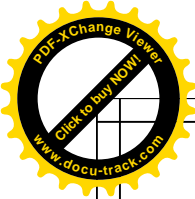












	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

U4501-9

AB15 VSS_0

AA19 VSS_1

AA20 VSS_2

AA22 VSS_3

AM19 VSS_4

AA24 VSS_5

AA26 VSS_6

AA28 VSS_7

AA30 VSS_8

AA31 VSS_9

AA32 VSS_10

AB11 VSS_11

AB15 VSS_12

AB23 VSS_13

AB30 VSS_14

AB31 VSS_15

AB32 VSS_16

AB39 VSS_17

AB43 VSS_18

AB47 VSS_19

AB5 VSS_20

AB5 VSS_21

AC2 VSS_22

AC52 VSS_23

AD11 VSS_24

AD12 VSS_25

AD16 VSS_26

AD23 VSS_27

AD29 VSS_28

AD31 VSS_29

AD32 VSS_30

AD34 VSS_31

AU22 VSS_32

AD42 VSS_33

AD46 VSS_34

AD49 VSS_35

AD7 VSS_36

AE2 VSS_37

AE4 VSS_38

AF12 VSS_39

Y13 VSS_40

AH49 VSS_41

AU4 VSS_42

AF35 VSS_43

AP13 VSS_44

AN34 VSS_45

AF45 VSS_46

AF46 VSS_47

AF49 VSS_48

AF5 VSS_49

AF9 VSS_50

AG2 VSS_51

AG52 VSS_52

AH11 VSS_53

AH15 VSS_54

AH16 VSS_55

AH24 VSS_56

AH32 VSS_57

AV18 VSS_58

AH43 VSS_59

AH47 VSS_60

AH7 VSS_61

AJ19 VSS_62

AJ2 VSS_63

AJ20 VSS_64

AJ22 VSS_65

AJ23 VSS_66

AJ25 VSS_67

AJ28 VSS_68

AJ32 VSS_69

AJ34 VSS_70

AT5 VSS_71

AJ4 VSS_72

AK12 VSS_73

AM41 VSS_74

AN19 VSS_75

AK26 VSS_76

AK22 VSS_77

AK23 VSS_78

AK28 VSS_79

VSS_80 AK30

VSS_81 AK31

VSS_82 AK32

VSS_83 AK34

VSS_84 AK35

VSS_85 AK36

VSS_86 AK43

VSS_87 AK46

VSS_88 AK49

VSS_89 AK5

VSS_90 AK8

VSS_91 AL2

VSS_92 AL32

VSS_93 AM11

VSS_94 BB44

VSS_95 AD24

VSS_96 AM20

VSS_97 AM22

VSS_98 AM24

VSS_99 AM26

VSS_100 AM28

VSS_101 BA42

VSS_102 AM30

VSS_103 AM31

VSS_104 AM32

VSS_105 AM34

VSS_106 AM35

VSS_107 AM38

VSS_108 AM39

VSS_109 AM42

VSS_110 AU20

VSS_111 AM46

VSS_112 AV22

VSS_113 AM49

VSS_114 AW7

VSS_115 AA50

VSS_116 BB10

VSS_117 AN32

VSS_118 AN50

VSS_119 AN52

VSS_120 AP12

VSS_121 AP42

VSS_122 AP46

VSS_123 AP49

VSS_124 AP5

VSS_125 AP8

VSS_126 AR2

VSS_127 AR52

VSS_128 AT11

VSS_129 BA12

VSS_130 AH46

VSS_131 AT32

VSS_132 AT36

VSS_133 AT41

VSS_134 AT47

VSS_135 AT7

VSS_136 AV12

VSS_137 AV16

VSS_138 AV24

VSS_139 AV20

VSS_140 AV30

VSS_141 AV34

VSS_142 AV38

VSS_143 AV42

VSS_144 AV46

VSS_145 AV49

VSS_146 AV5

VSS_147 AV8

VSS_148 AW14

VSS_149 AW19

VSS_150 AW2

VSS_151 BF9

VSS_152 AW32

VSS_153 AW36

VSS_154 AW40

VSS_155 AW52

VSS_156 AV11

VSS_157 AY43

VSS_158 AY47

ITL_IBEXPE_M_FCBGA_1071P

U4501-10

AY71 VSS_159

B11 VSS_160

B15 VSS_161

B19 VSS_162

B23 VSS_163

B31 VSS_164

B35 VSS_165

B39 VSS_166

B43 VSS_167

B47 VSS_168

B7 VSS_169

BG12 VSS_170

BB12 VSS_171

BB15 VSS_172

BB20 VSS_173

BG24 VSS_174

BB30 VSS_175

BB34 VSS_176

BB38 VSS_177

BB42 VSS_178

BB49 VSS_179

BB5 VSS_180

BC10 VSS_181

BC14 VSS_182

BC19 VSS_183

BC2 VSS_184

BC22 VSS_185

BC24 VSS_186

BC36 VSS_187

BC40 VSS_188

BC44 VSS_189

BC52 VSS_190

BH9 VSS_191

BD49 VSS_192

BD4 VSS_193

BD5 VSS_194

BE12 VSS_195

BE16 VSS_196

BE20 VSS_197

BE24 VSS_198

BE30 VSS_199

BE34 VSS_200

BE38 VSS_201

BE42 VSS_202

BE46 VSS_203

BE49 VSS_204

BE50 VSS_205

BE5 VSS_206

BE8 VSS_207

BF3 VSS_208

BF49 VSS_209

BF51 VSS_210

BG19 VSS_211

BG24 VSS_212

BG4 VSS_213

BG50 VSS_214

BH11 VSS_215

BH15 VSS_216

BH19 VSS_217

BH23 VSS_218

BH31 VSS_219

BH35 VSS_220

BH39 VSS_221

BH43 VSS_222

BH47 VSS_223

BH7 VSS_224

C12 VSS_225

C50 VSS_226

D51 VSS_227

E12 VSS_228

E15 VSS_229

E20 VSS_230

E24 VSS_231

E30 VSS_232

E34 VSS_233

E38 VSS_234

E42 VSS_235

E46 VSS_236

E48 VSS_237

E9 VSS_238

F8 VSS_239

F49 VSS_240

F5 VSS_241

G10 VSS_242

G14 VSS_243

G18 VSS_244

G2 VSS_245

G22 VSS_246

G24 VSS_247

G36 VSS_248

G40 VSS_249

G44 VSS_250

G52 VSS_251

AF39 VSS_252

H15 VSS_253

H20 VSS_254

H30 VSS_255

H34 VSS_256

H38 VSS_257

H42 VSS_258

H49 VSS_259

H5 VSS_260

J24 VSS_261

K11 VSS_262

K43 VSS_263

K47 VSS_264

K7 VSS_265

L14 VSS_266

L18 VSS_267

L2 VSS_268

L22 VSS_269

L32 VSS_270

L36 VSS_271

L40 VSS_272

L52 VSS_273

M12 VSS_274

M15 VSS_275

M20 VSS_276

M38 VSS_277

M4 VSS_278

M35 VSS_279

M42 VSS_280

M45 VSS_281

M48 VSS_282

M5 VSS_283

M8 VSS_284

P11 VSS_285

P11 VSS_286

AD15 VSS_287

P22 VSS_288

P20 VSS_289

P32 VSS_290

P34 VSS_291

P42 VSS_292

P45 VSS_293

P47 VSS_294

R2 VSS_295

R52 VSS_296

T12 VSS_297

T41 VSS_298

T46 VSS_299

T49 VSS_300

T5 VSS_301

T8 VSS_302

U30 VSS_303

U31 VSS_304

U32 VSS_305

U34 VSS_306

P38 VSS_307

V11 VSS_308

P16 VSS_309

V19 VSS_310

V20 VSS_311

V22 VSS_312

V30 VSS_313

V31 VSS_314

V32 VSS_315

V34 VSS_316

V35 VSS_317

V38 VSS_318

V43 VSS_319

V46 VSS_320

V46 VSS_321

V47 VSS_322

V49 VSS_323

V5 VSS_324

V7 VSS_325

V8 VSS_326

W2 VSS_327

W52 VSS_328

Y11 VSS_329

Y12 VSS_330

Y15 VSS_331

Y19 VSS_332

Y23 VSS_333

Y28 VSS_334

Y30 VSS_335

Y31 VSS_336

Y32 VSS_337

Y38 VSS_338

Y41 VSS_339

Y46 VSS_340

P49 VSS_341

Y5 VSS_342

Y8 VSS_343

Y8 VSS_344

P24 VSS_345

T43 VSS_346

AD51 VSS_347

AT9 VSS_348

AD47 VSS_349

Y47 VSS_350

AT12 VSS_351

AM6 VSS_352

AT13 VSS_353

AM5 VSS_354

AK45 VSS_355

AK39 VSS_356

AV14 VSS_357

ITL_IBEXPE_M_FCBGA_1071P

INVENTEC

TITLE CALPELLA_I

PCH 9

SIZE A3

CODE CS

DOC. NUMBER

REV

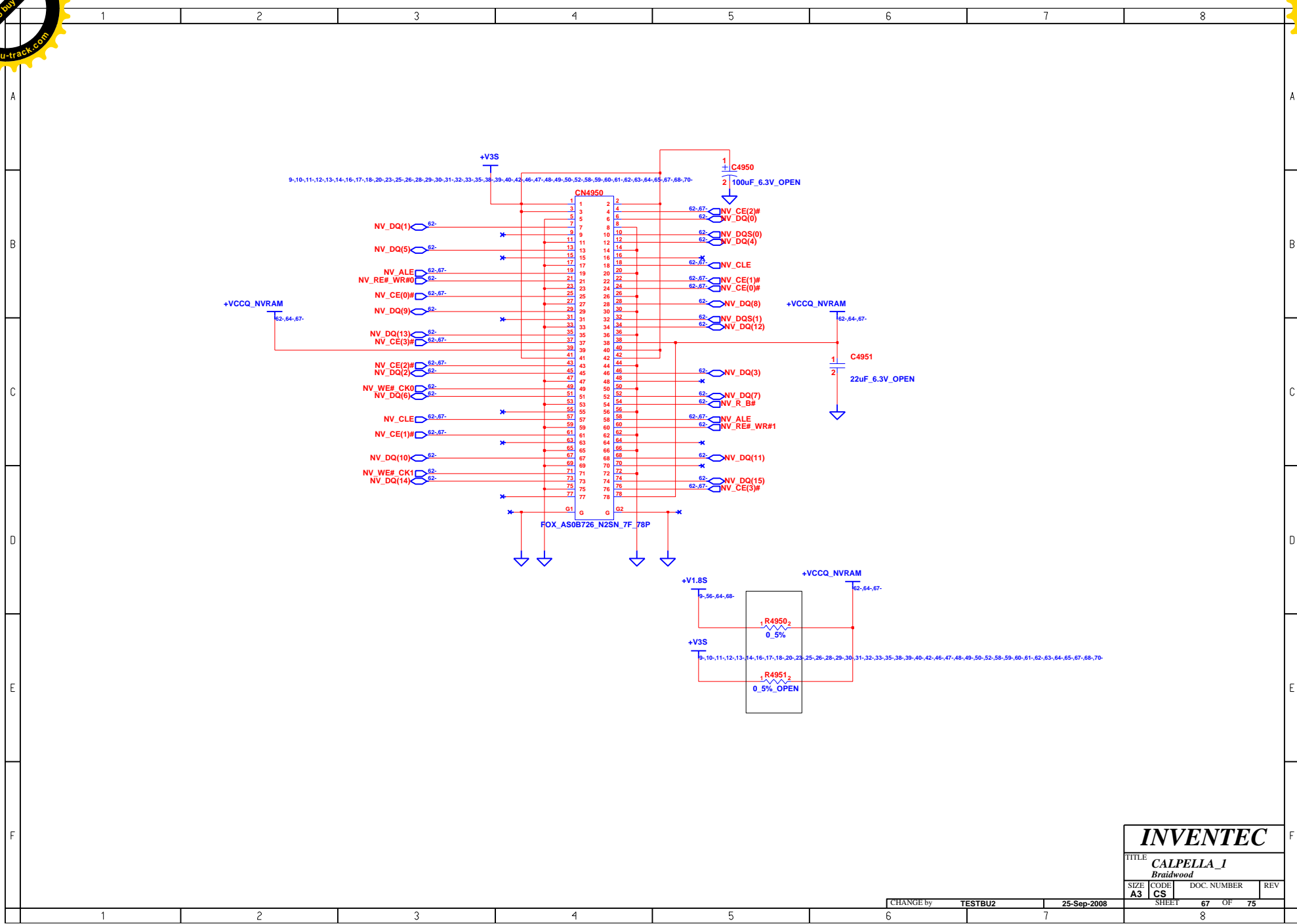
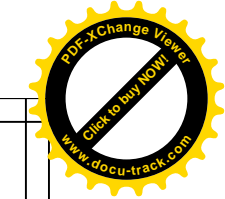
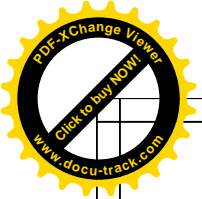
SHEET 66 OF 75

CHANGE by PT10

17-Sep-2008

www.vinafix.vn

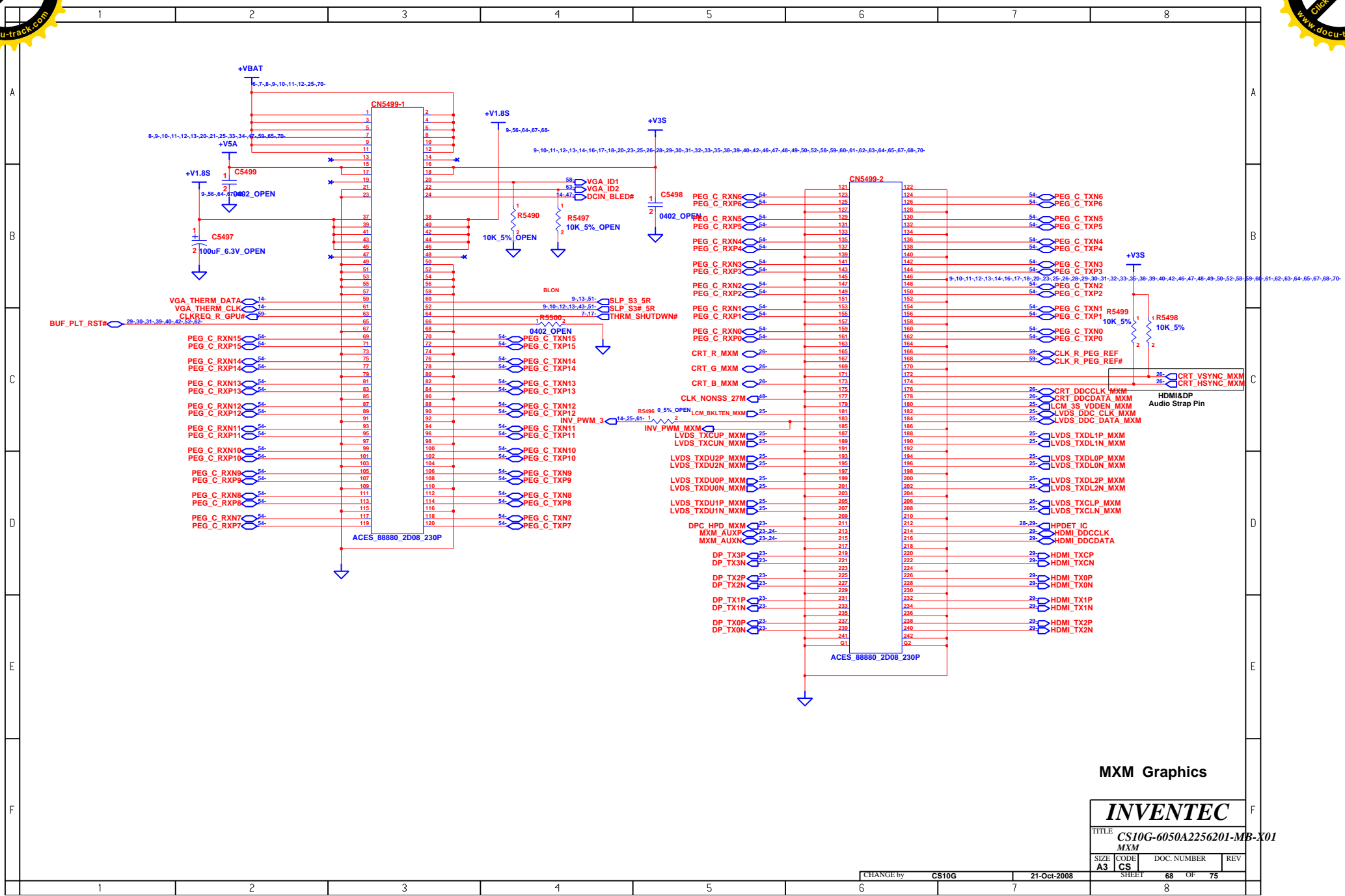
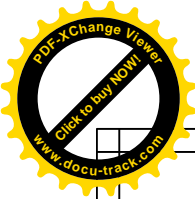
www.rosefix.com



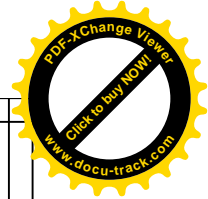
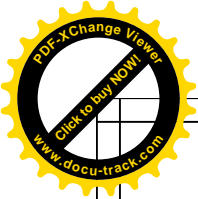
INVENTEC

TITLE		
CALPELLA_I		
Braidwood		
SIZE	CODE	DOC. NUMBER
A3	CS	
SHEET		REV
1		67 OF 75

CHANGE by TESTBU2 25-Sep-2008

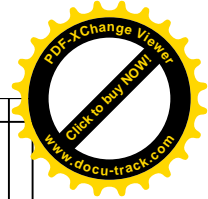


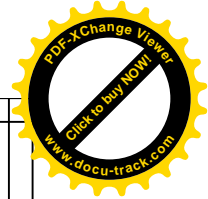
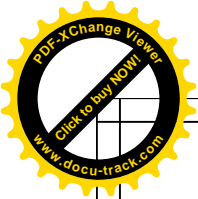
MXM Graphics			
INVENTEC			
TITLE CS10G-6050A2256201-MB-X01			
MXM			
SIZE A3	CODE CS	DOC. NUMBER	REV
CHANGE by CS10G		21-Oct-2008	
SHEET 68		OF 75	



	1	2	3	4	5	6	7	8	
A	<div>BLANK</div>								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE CS10G-6050A2256201-MB-X01			
Switchable Graphics			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET		69	OF 75

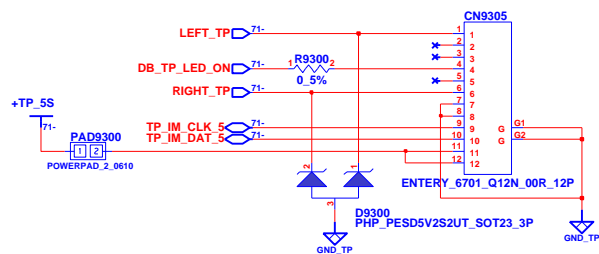




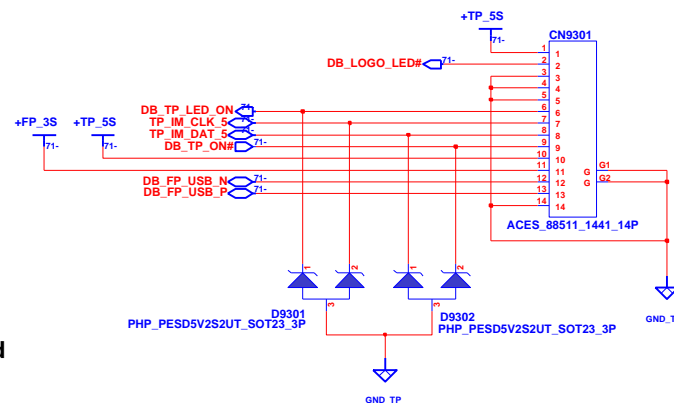
PICK BUTTON BOARD

(For - Touchpad Module, Touchpad Switch Board, Fingerprint Module)

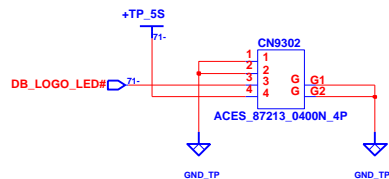
Connect to Touchpad Module



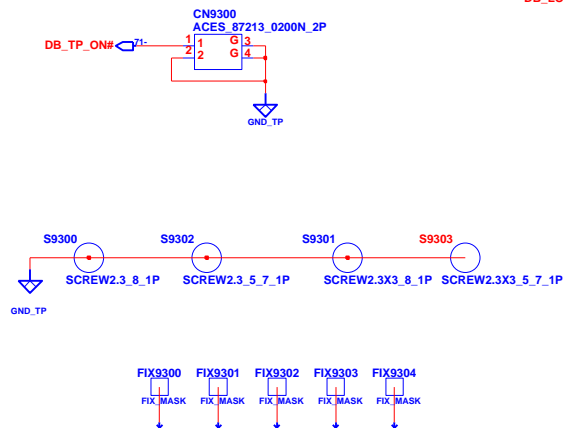
Connect to Mainboard's TP connector



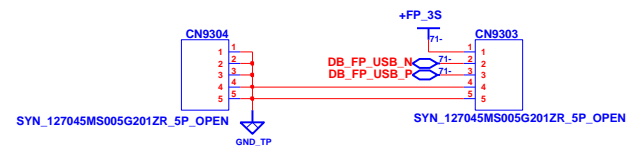
Connect to LOGO LED Board



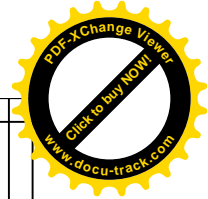
Connect to Touchpad Switch Board



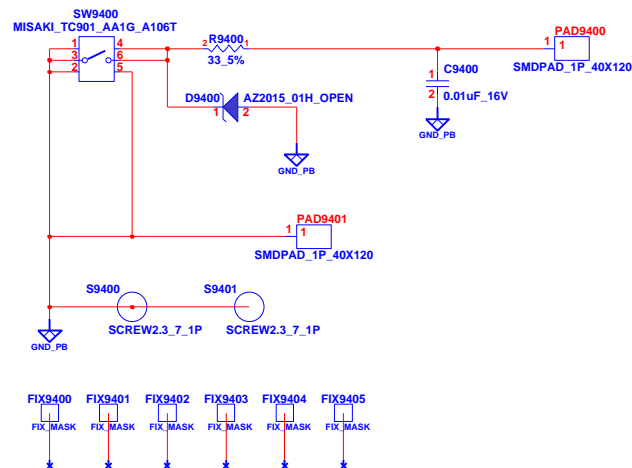
Connect to Fingerprint Module



INVENTEC			
TITLE CS10G-6050A2256201-MB-X01-ies			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 71		OF 75	

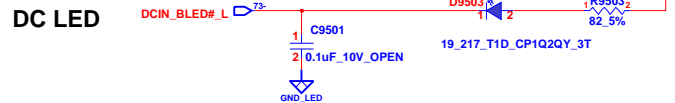
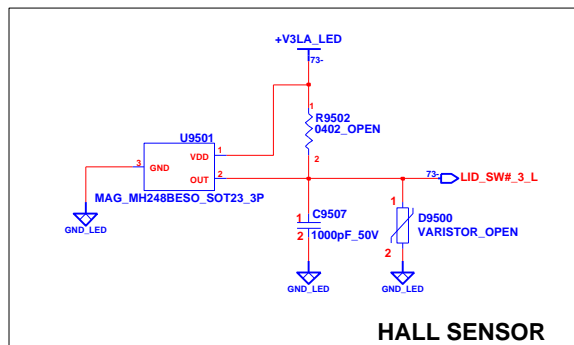
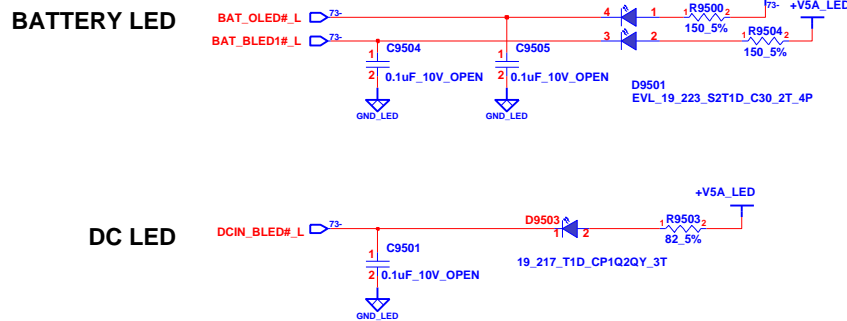
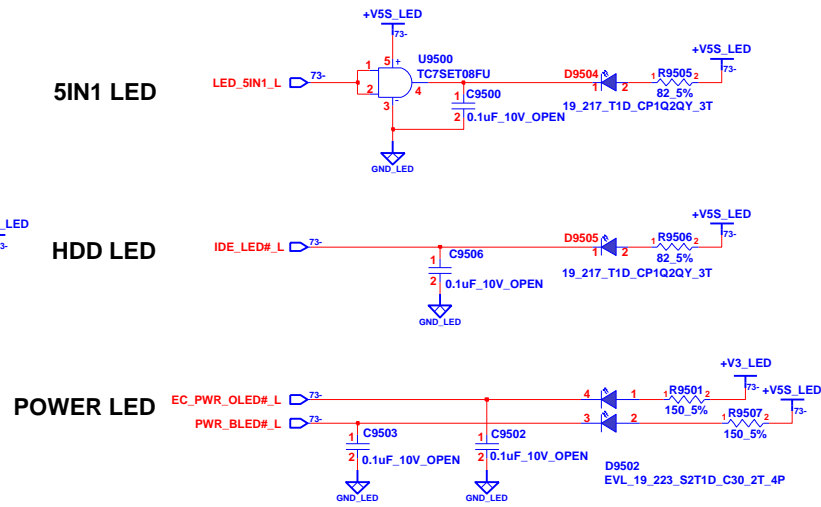
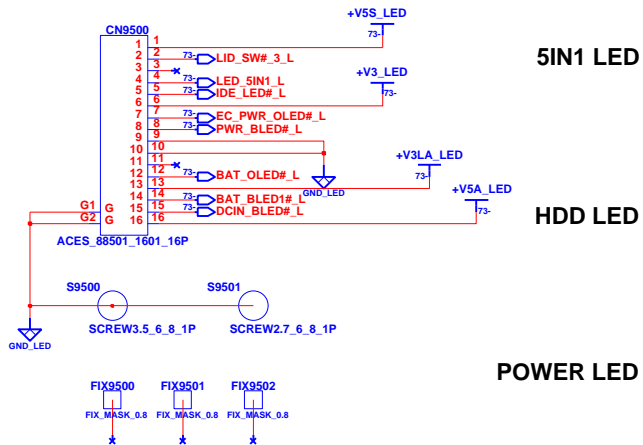


TOUCHPAD SWITCH BOARD



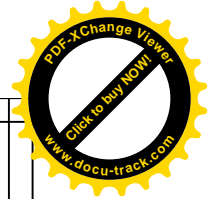
INVENTEC			
TITLE CS10G-6050A2256201-MB-X01-ies			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 72		OF 75	

LED & HALL SENSOR BOARD

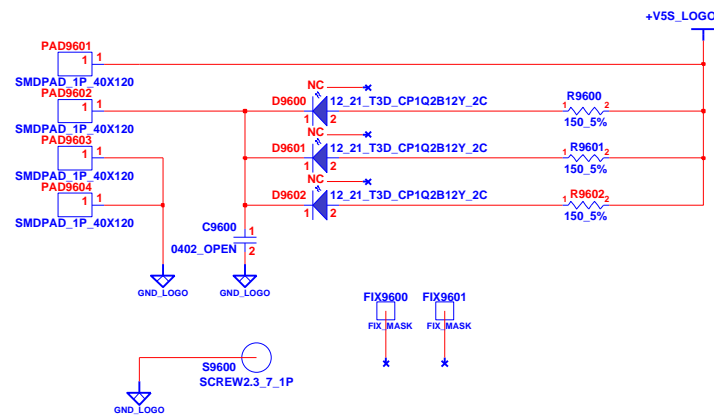


INVENTEC			
TITLE CS10G-6050A2256201-MB-X01-ies			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 73		OF 75	

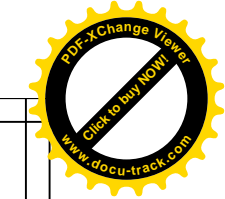
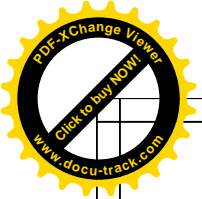
CHANGE by CS10G 21-Jan-2009



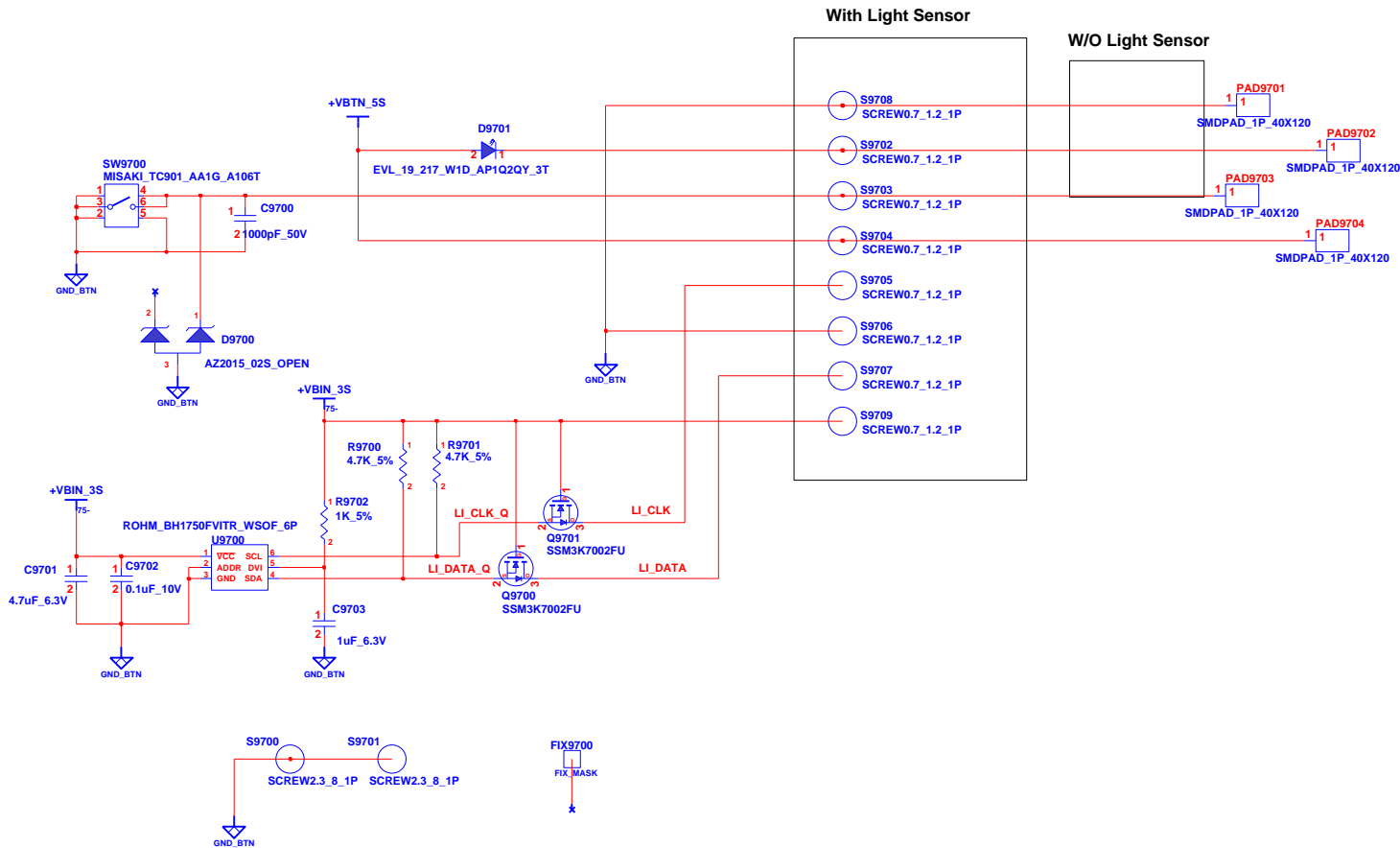
LOGO LED BOARD



INVENTEC			
TITLE CS10G-6050A2256201-MB-X01-ies			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	74	75



POWER BUTTON & LIGHT SENSOR BOARD



INVENTEC			
TITLE CS10G-6050A2256201-MB-X01-ies			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 1		75 OF 75	