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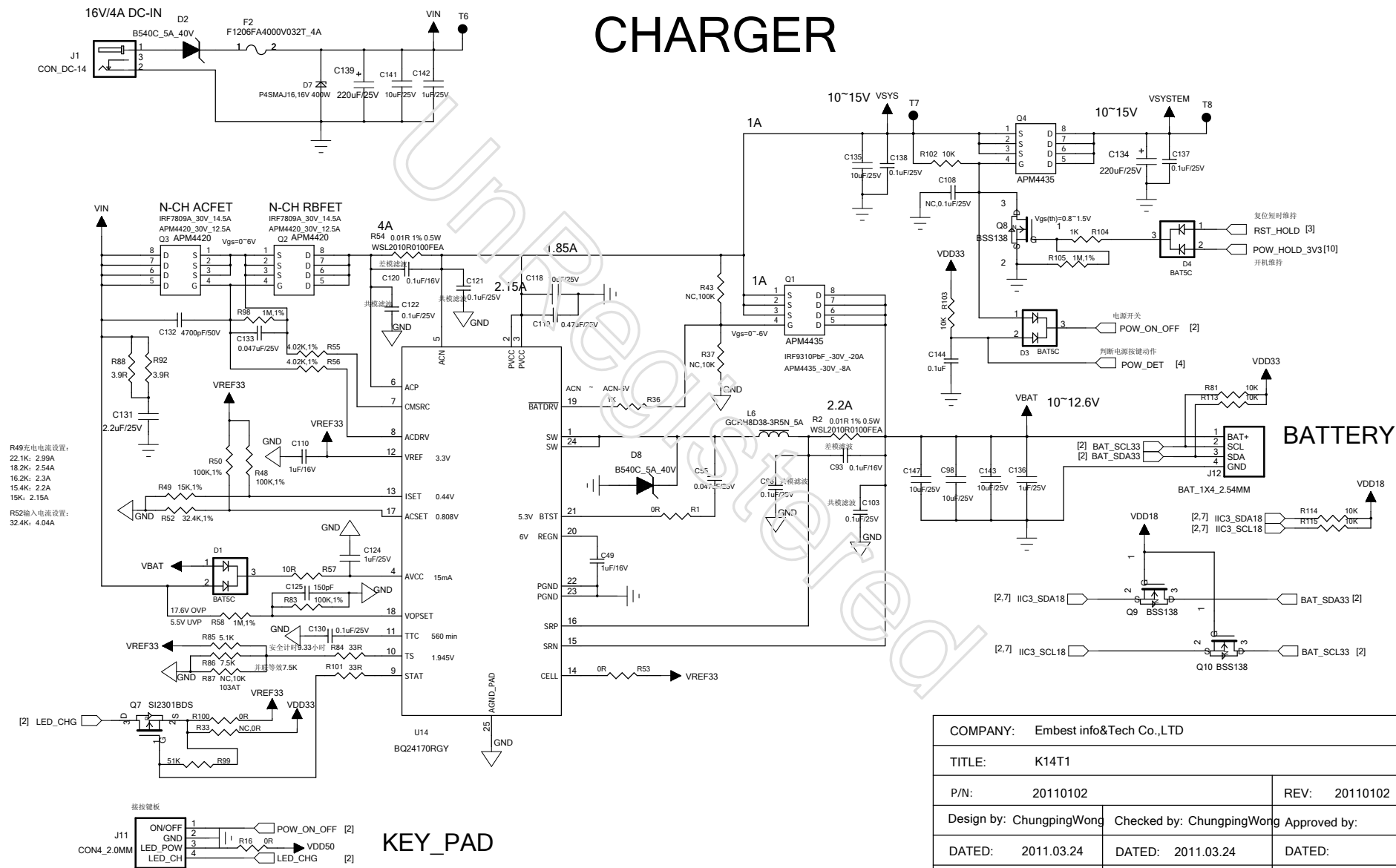
C

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UnRegistered

COMPANY: Embest info&Tech Co.,LTD		
TITLE: K14T1		
P/N: 20110102	REV: 20110102	
Design by: ChungpingWong	Checked by: ChungpingWong	Approved by:
DATED: 2011.03.24	DATED: 2011.03.24	DATED:
SCALE: N/A	SIZE: B	SHEET: 1 OF 14



COMPANY: Embest info&Tech Co.,LTD		
TITLE: K14T1		
P/N: 20110102		REV: 20110102
Design by: ChungpingWong	Checked by: ChungpingWong	Approved by:
DATED: 2011.03.24	DATED: 2011.03.24	DATED:
SCALE: N/A	SIZE: B	SHEET: 3 OF 14

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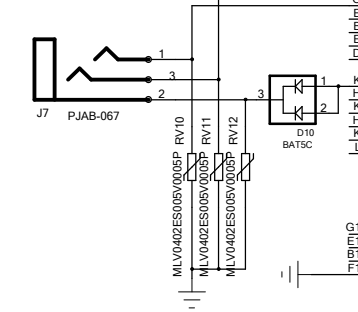
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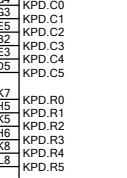
2

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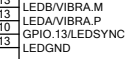
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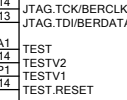
Keypad



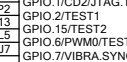
LED



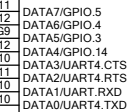
TEST



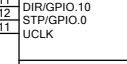
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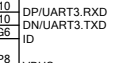
ULPI



ULPI



USB PHY



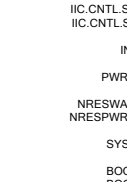
USB PHY



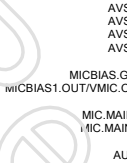
Charger



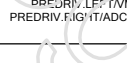
CONTROL



AUDIO



AUDIO



AUDIO



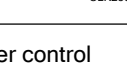
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AUDIO



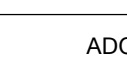
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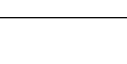
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AUDIO



AUDIO



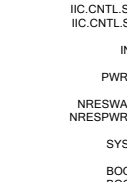
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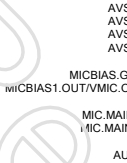
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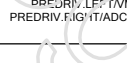
CONTROL



AUDIO



AUDIO



AUDIO



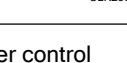
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AUDIO



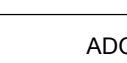
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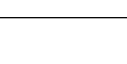
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AUDIO



AUDIO



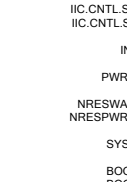
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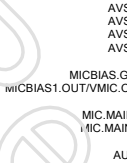
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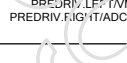
CONTROL



AUDIO



AUDIO



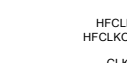
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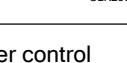
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AUDIO



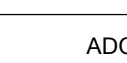
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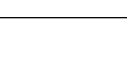
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AUDIO



AUDIO



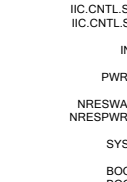
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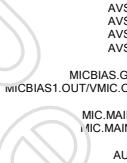
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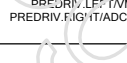
CONTROL



AUDIO



AUDIO



AUDIO



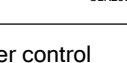
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AUDIO



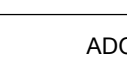
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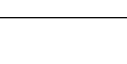
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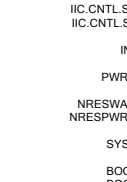
AUDIO



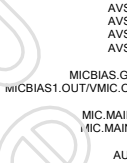
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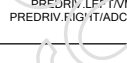
CONTROL



AUDIO



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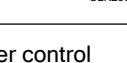
AUDIO



AUDIO



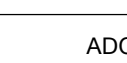
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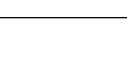
AUDIO



AUDIO



AUDIO



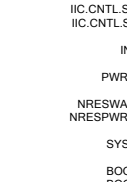
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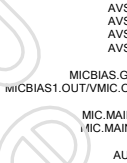
AUDIO



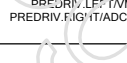
CONTROL



AUDIO



AUDIO



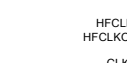
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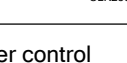
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AUDIO



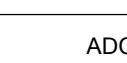
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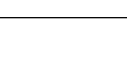
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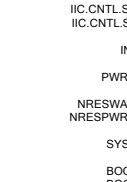
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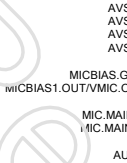
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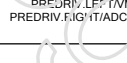
CONTROL



AUDIO



AUDIO



AUDIO



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D

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B

A

[9] SDRCA[0:14]

SDRC_A0
SDRC_A1
SDRC_A2
SDRC_A3
SDRC_A4
SDRC_A5
SDRC_A6
SDRC_A7
SDRC_A8
SDRC_A9
SDRC_A10
SDRC_A11
SDRC_A12
SDRC_A13

DDR

A4
B4
D6
B3
B2
C3
E3
F6
E10
E9
E7
G6
G7
F7
F9

1.8V

[9] SDRCD[0:31]

SDRC_D0
SDRC_D1
SDRC_D2
SDRC_D3
SDRC_D4
SDRC_D5
SDRC_D6
SDRC_D7
SDRC_D8
SDRC_D9
SDRC_D10
SDRC_D11
SDRC_D12
SDRC_D13
SDRC_D14
SDRC_D15
SDRC_D16
SDRC_D17
SDRC_D18
SDRC_D19
SDRC_D20
SDRC_D21
SDRC_D22
SDRC_D23
SDRC_D24
SDRC_D25
SDRC_D26
SDRC_D27
SDRC_D28
SDRC_D29
SDRC_D30
SDRC_D31

D7
C5
C6
B5
D9
D10
C7
B7
B11
C12
D13
C13
B14
A14
B15
C9
E12
B8
B9
C10
B10
D12
E13
E15
D15
C15
B16
C16
D16
B17
B18

1.8V

[9] SDRC_BA0
[9] SDRC_BA1
[9] SDRC_CS0
[9] SDRC_CS1

[9] SDRC_CLK
[9] SDRC_NCLK

[9] SDRC_CKE0
[9] SDRC_CKE1

[9] SDRC_RAS
[9] SDRC_CAS

[9] SDRC_WE

1.8V

[9] SDRC_DM0
[9] SDRC_DM1
[9] SDRC_DM2
[9] SDRC_DM3

1.8V

[9] SDRC_DQS0
[9] SDRC_DQS1
[9] SDRC_DQS2
[9] SDRC_DQS3

B6
B13
A7
A16

A5
A13
A8
A17

SDRC_BA0
SDRC_BA1

SDRC_CS0
SDRC_CS1

SDRC_CLK
SDRC_NCLK

SDRC_CKE0
SDRC_CKE1

SDRC_RAS
SDRC_CAS

SDRC_WE

SDRC_DM0
SDRC_DM1
SDRC_DM2
SDRC_DM3

SDRC_DQS0
SDRC_DQS1
SDRC_DQS2
SDRC_DQS3

GPMC

CMAP35XX
ON/AP3530 B CUS

U4-A

GPMC_A1/GPIO_34
GPMC_A2/GPIO_35
GPMC_A3/GPIO_36
GPMC_A4/GPIO_37
GPMC_A5/GPIO_38
GPMC_A6/GPIO_39
GPMC_A7/GPIO_40
GPMC_A8/GPIO_41
GPMC_A9/NDMAREQ2/GPIO_42
GPMC_A10/NDMAREQ3/GPIO_43

GPMC_D0
GPMC_D1
GPMC_D2
GPMC_D3
GPMC_D4
GPMC_D5
GPMC_D6
GPMC_D7
GPMC_D8/GPIO_44
GPMC_D9/GPIO_45
GPMC_D10/GPIO_46
GPMC_D11/GPIO_47
GPMC_D12/GPIO_48
GPMC_D13/GPIO_49
GPMC_D14/GPIO_50
GPMC_D15/GPIO_51

GPMC_NCS0
GPMC_NCS3/NDMAREQ1/GPIO_54
GPMC_NCS4/NDMAREQ1/SI/4_CLKX/GPT1/GPIO_55
GPMC_NCS5/NDMAREQ2/SP1_DP/GPT1/GPIO_56
GPMC_NCS6/NDMAREQ3/SP4_D1/GPT1/GPIO_57
GPMC_NCS7/GPMC_IO_DIR/SP4_F1X/GPT2/GPIO_58

GPMC_CLK/GPIO_59

GPMC_NOE
GPMC_NWE

GPMC_NADV_ALE
GPMC_NBE0_CLE/GPIO_60
GPMC_NBE1/GPIO_61

GPMC_NWP/GPIO_62

GPMC_WAIT0
GPMC_WAIT3/NDMAREQ1/GPIO65

1.8V

1.8V to NAND

GPMC_D0
GPMC_D1
GPMC_D2
GPMC_D3
GPMC_D4
GPMC_D5
GPMC_D6
GPMC_D7
GPMC_D8
GPMC_D9
GPMC_D10
GPMC_D11
GPMC_D12
GPMC_D13
GPMC_D14
GPMC_D15

GPMC_NCS0 [9]

GPMC_NOE [9]

GPMC_NWE [9]

GPMC_ALE [9]

GPMC_NWP [9]

GPMC_WAIT0 [9]

DSS

DSS_DATA0/UART_CTS/GPIO_70
DSS_DATA1/UART_RTS/GPIO_71
DSS_DATA2/GPIO_72
DSS_DATA3/GPIO_73
DSS_DATA4/UART_RX_IRRX/GPIO_74
DSS_DATA5/UART3_TX_IRTX/GPIO_75
DSS_DATA6/UART1_TX/GPIO_76
DSS_DATA7/UART1_RX/GPIO_77
DSS_DATA8/GPIO_78
DSS_DATA9/GPIO_79
DSS_DATA10/GPIO_80
DSS_DATA11/GPIO_81
DSS_DATA12/GPIO_82
DSS_DATA13/GPIO_83
DSS_DATA14/GPIO_84
DSS_DATA15/GPIO_85
DSS_DATA16/GPIO_86
DSS_DATA17/GPIO_87
DSS_DATA18/SP13_CLK/DSS_DATA0/GPIO_88
DSS_DATA19/SP13_SIMO/DSS_DATA1/GPIO_89
DSS_DATA20/SP13_SOMI/DSS_DATA2/GPIO_90
DSS_DATA21/SP13_CS0/DSS_DATA3/GPIO91
DSS_DATA22/SP13_CS1/DSS_DATA4/GPIO92
DSS_DATA23/DSS_DATA5/GPIO93

DSS_PCLK/GPIO_66
DSS_HSYNC/GPIO_67
DSS_VSYNC/GPIO_68
DSS_ACBIAS/GPIO_69

AC19
AB19

AD20 33R R80

AC20 33R R124

AD21 33R R126

AC21 33R R128

D24 33R R129

E23 33R R130

E24 33R R131

F23 33R R132

AC22 33R R133

AC23 33R R134

AB22 33R R135

V22 33R R136

W22 33R R137

G23 33R R138

G24 33R R139

H23 33R R140

D23 33R R141

K22 33R R142

V21 33R R143

W21 33R R144

G22 33R R145

E22 33R R146

F22 33R R147

J21 33R R148

J21 33R R149

J21 33R R150

DSS_D2 [12]

DSS_D3 [12]

DSS_D4 [12]

DSS_D5 [12]

DSS_D6 [12]

DSS_D7 [12]

DSS_D10 [12]

DSS_D11 [12]

DSS_D12 [12]

DSS_D13 [12]

DSS_D14 [12]

DSS_D15 [12]

DSS_D18 [12]

DSS_D19 [12]

DSS_D20 [12]

DSS_D21 [12]

DSS_D22 [12]

DSS_D23 [12]

DSS_PCLK [12]

DSS_HS [12]

DSS_VS [12]

DSS_EN [12]

COMPANY: Embest info&Tech Co.,LTD

TITLE: K14T1

P/N: 20110102

REV: 20110102

Design by: ChungpingWong

Checked by: ChungpingWong

Approved by:

DATED: 2011.03.24

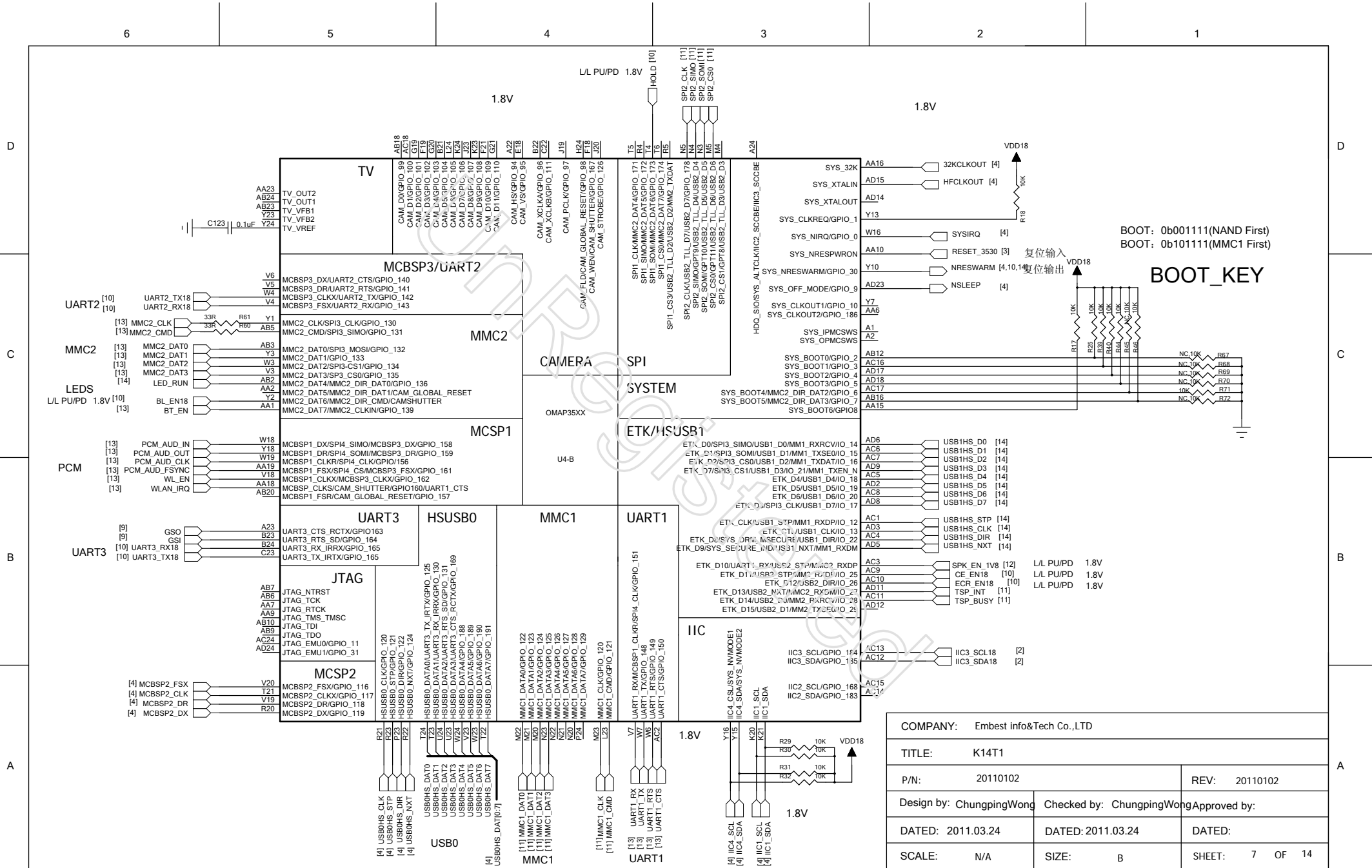
DATED: 2011.03.24

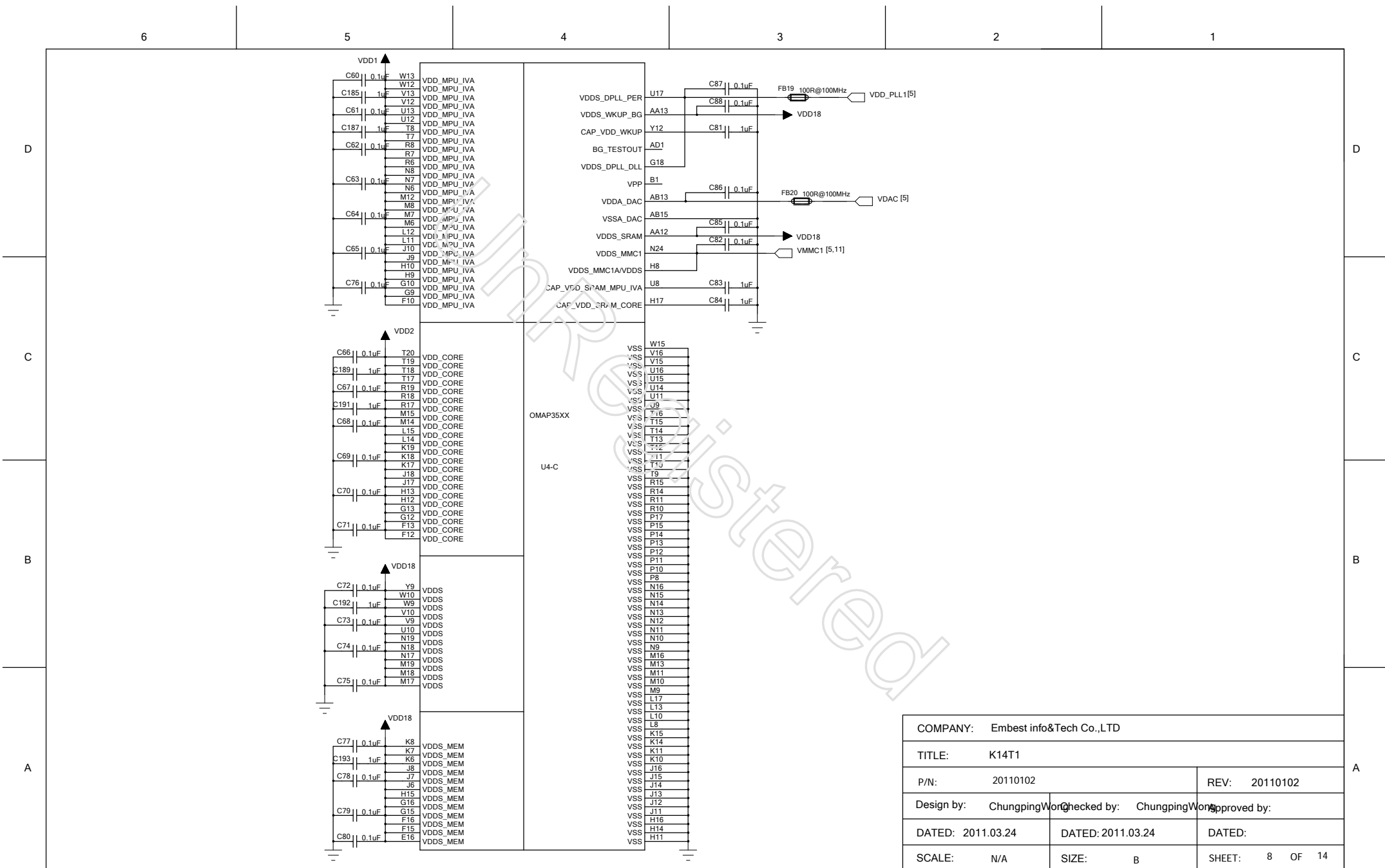
DATED:

SCALE: N/A

SIZE: B

SHEET: 6 OF 14





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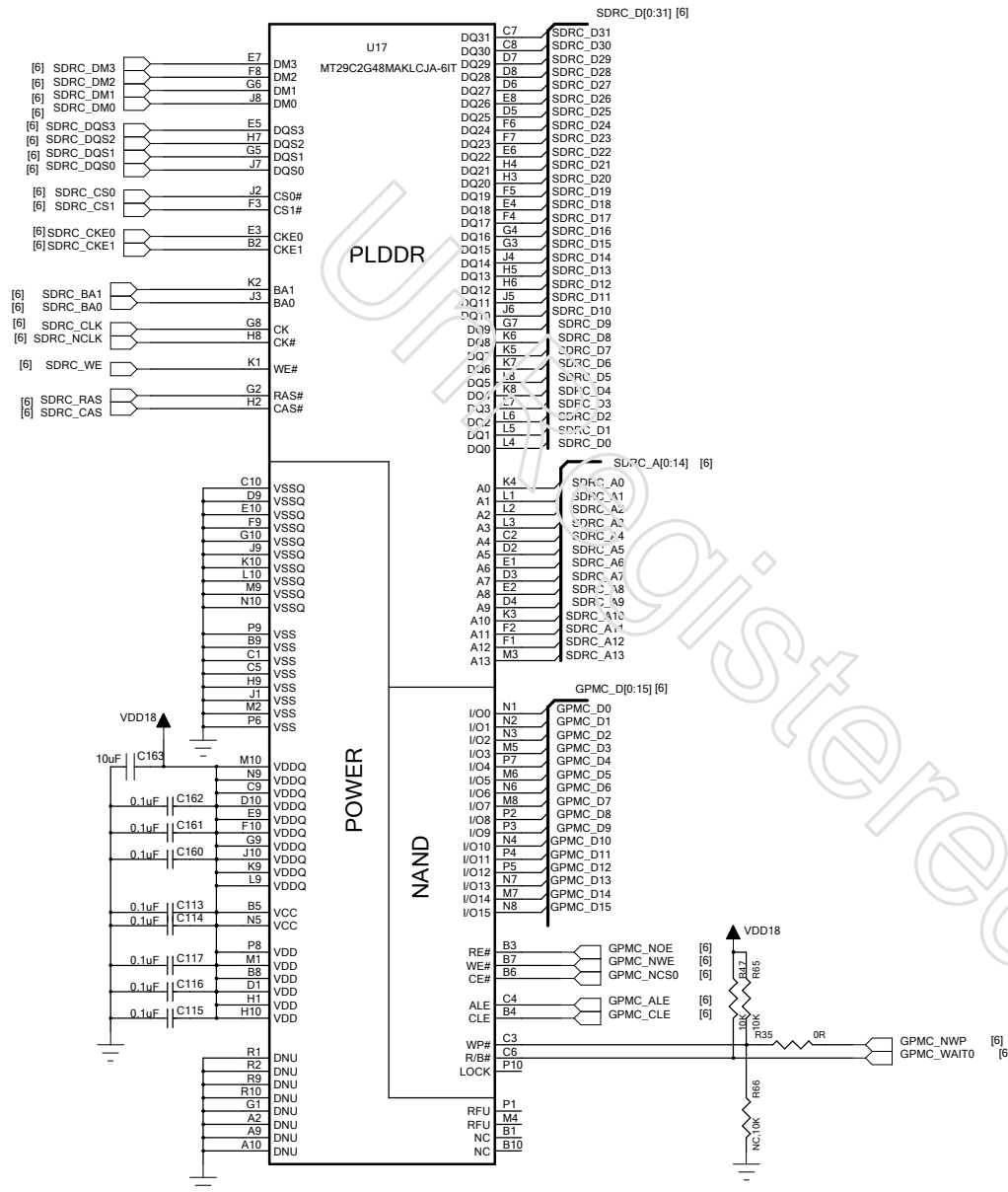
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COMPANY: Embest info&Tech Co.,LTD		
TITLE: K14T1		
P/N: 20110102	REV: 20110102	
Design by: ChungpingWong	Checked by: ChungpingWong	Approved by:
DATED: 2011.03.24	DATED: 2011.03.24	DATED:
SCALE: N/A	SIZE: B	SHEET: 9 OF 14

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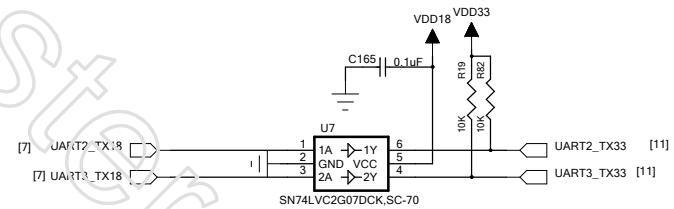
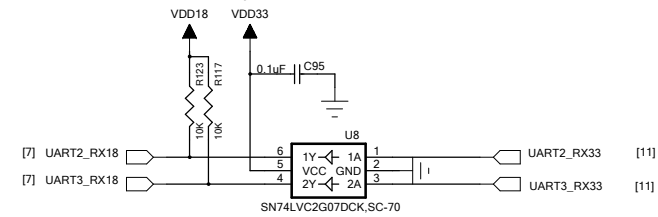
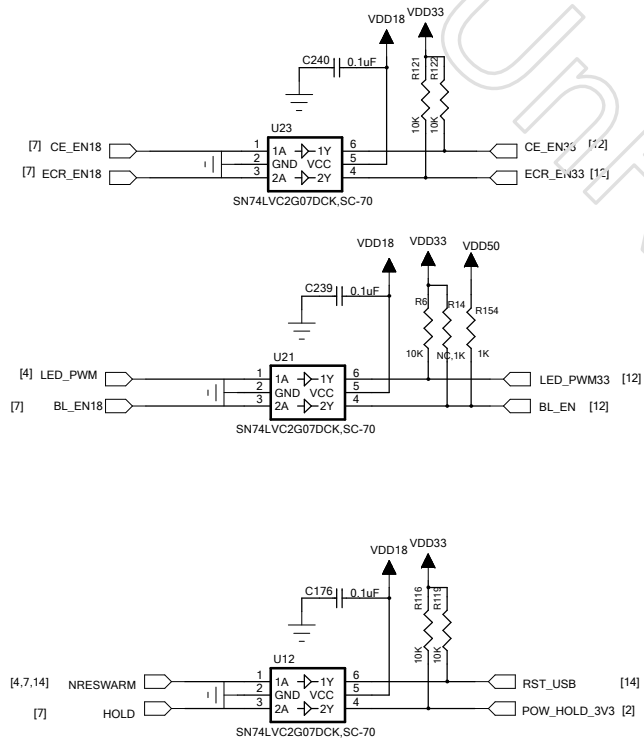
1

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COMPANY: Embest info&Tech Co.,LTD		
TITLE: K14T1		
P/N: 20110102	REV: 20110102	
Design by: ChungpingWong	Checked by: ChungpingWong	Approved by:
DATED: 2011.03.24	DATED: 2011.03.24	DATED:
SCALE: N/A	SIZE: B	SHEET: 10 OF 14

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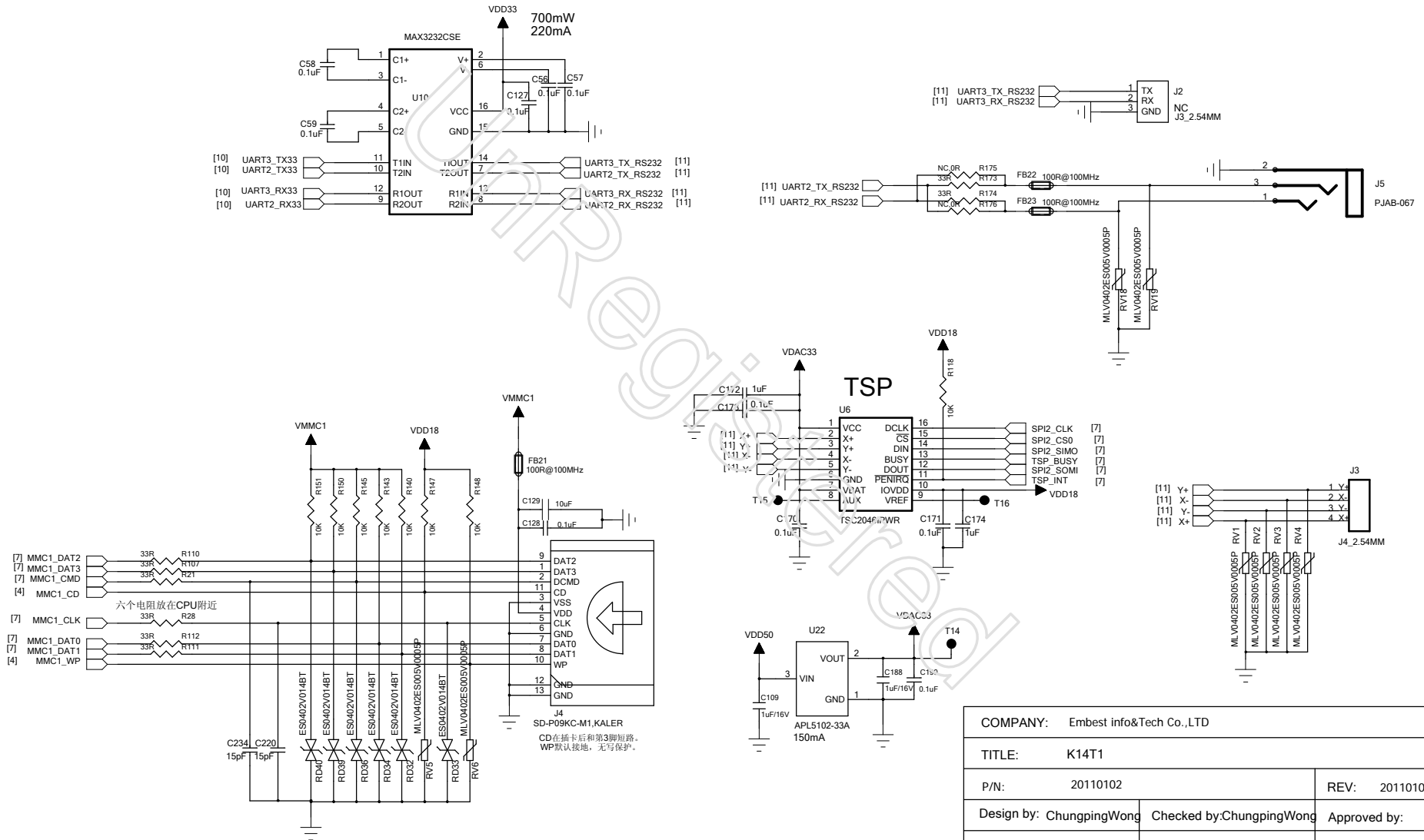
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