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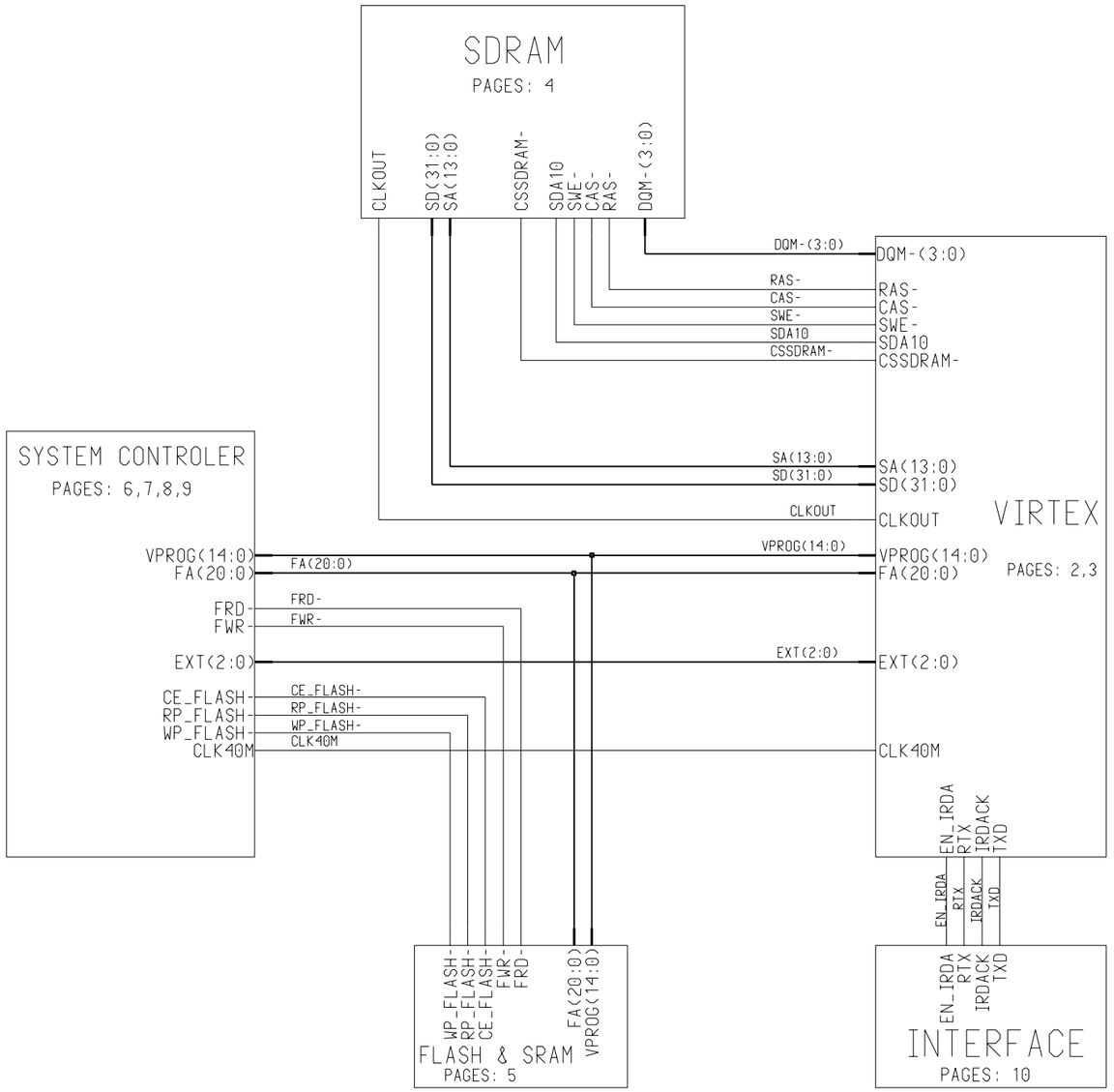


LF5 LF1
LF2 LF7
I3 I4 LF6 LF4
I2 I1 LF9 LF8
I6 I5 LF10 LF3

| | | | | | |
|---|---|---|---|---|---|
| Date: 19/02/2000 | Time: 00:01:44 | | | | |
| Symbol name: OCRP-1 | | | | | |
| MGC Sheet : sheet1 | | | | | |

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|---|---|---|---|---|---|---|---|---|
| Issue | 0A0 | | | | | Sheet | Page | Identification No. |
| Note No | 401686 | | | | | 1 | 1 | OCRP-1-ECE- |
| ISKRATEL | | | | | | Archive | | Second Identification No. |

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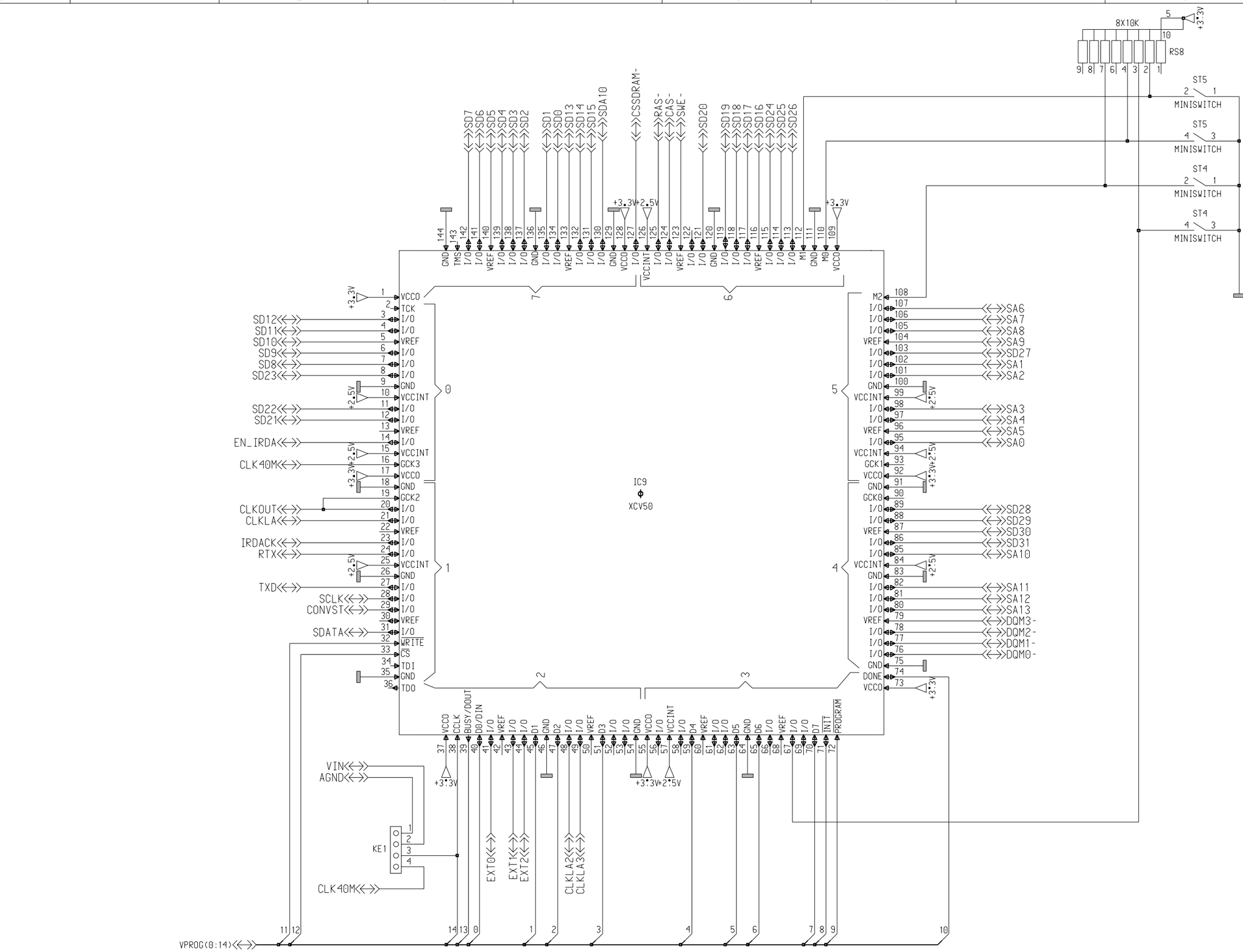


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| Date: 24/12/1999 | Time: 12:37:13 | | |
| Symbol name: X C V | | | |
| MGC Sheet : sheet1 | | | |

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| Issue | 0A0 | | | | |
| Note No | 401686 | | | | |
| ISKRATEL | | | | | |

| Sheet | Page |
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| 1 | 2 |
| Archive | |

Identification No.
OCRP-1-ECE-
Second Identification No.

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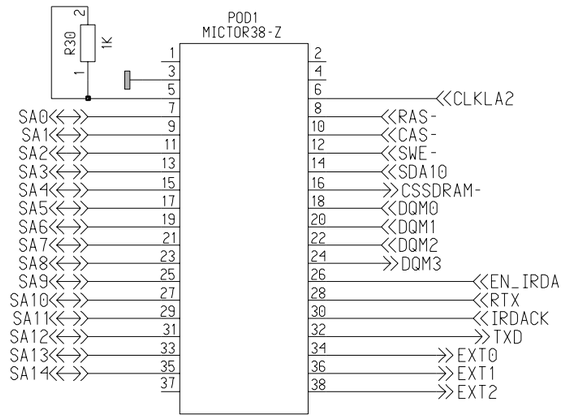


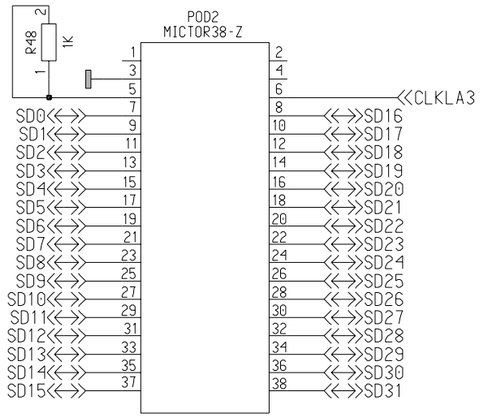


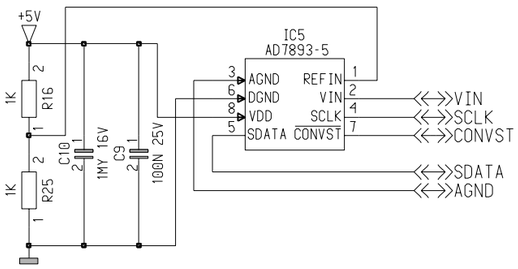


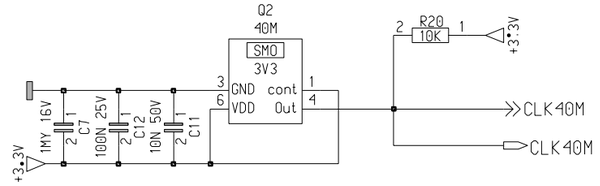


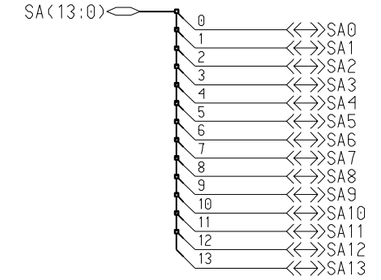


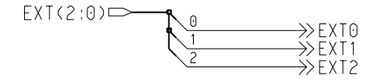


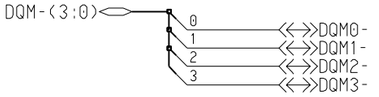


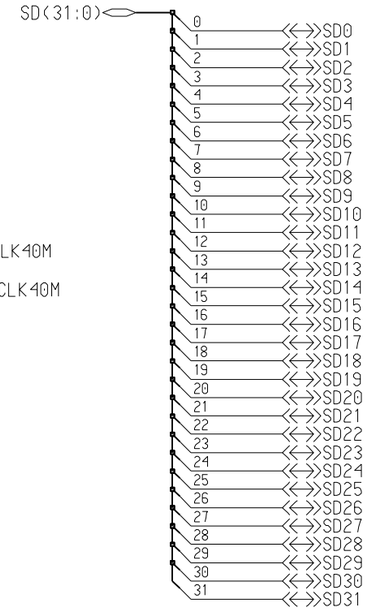


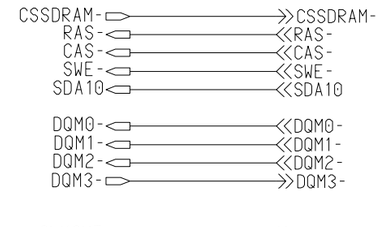


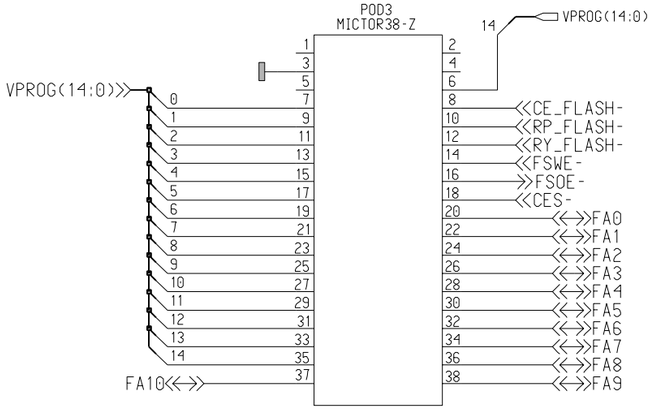


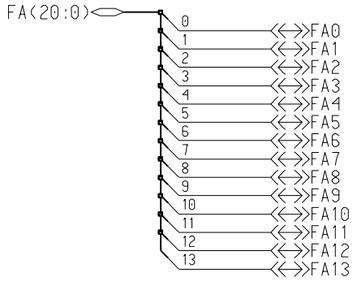


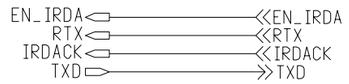


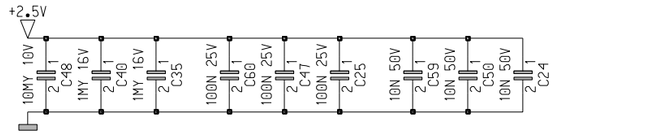


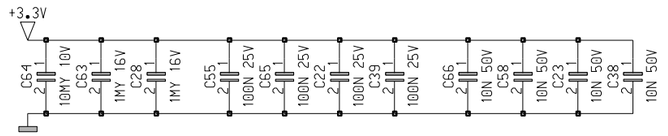


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| Date: 24/12/1999 | Time: 12:50:08 | Issue | 0A0 | | | | Sheet 2 | Page 3 | Identification No. OCRP-1-ECE- |
| Symbol name: X C V | | Note No | 401686 | | | | | | |
| MGC Sheet : sheet2 | | ISKRATEL | | | | | Archive | | Second Identification No. |

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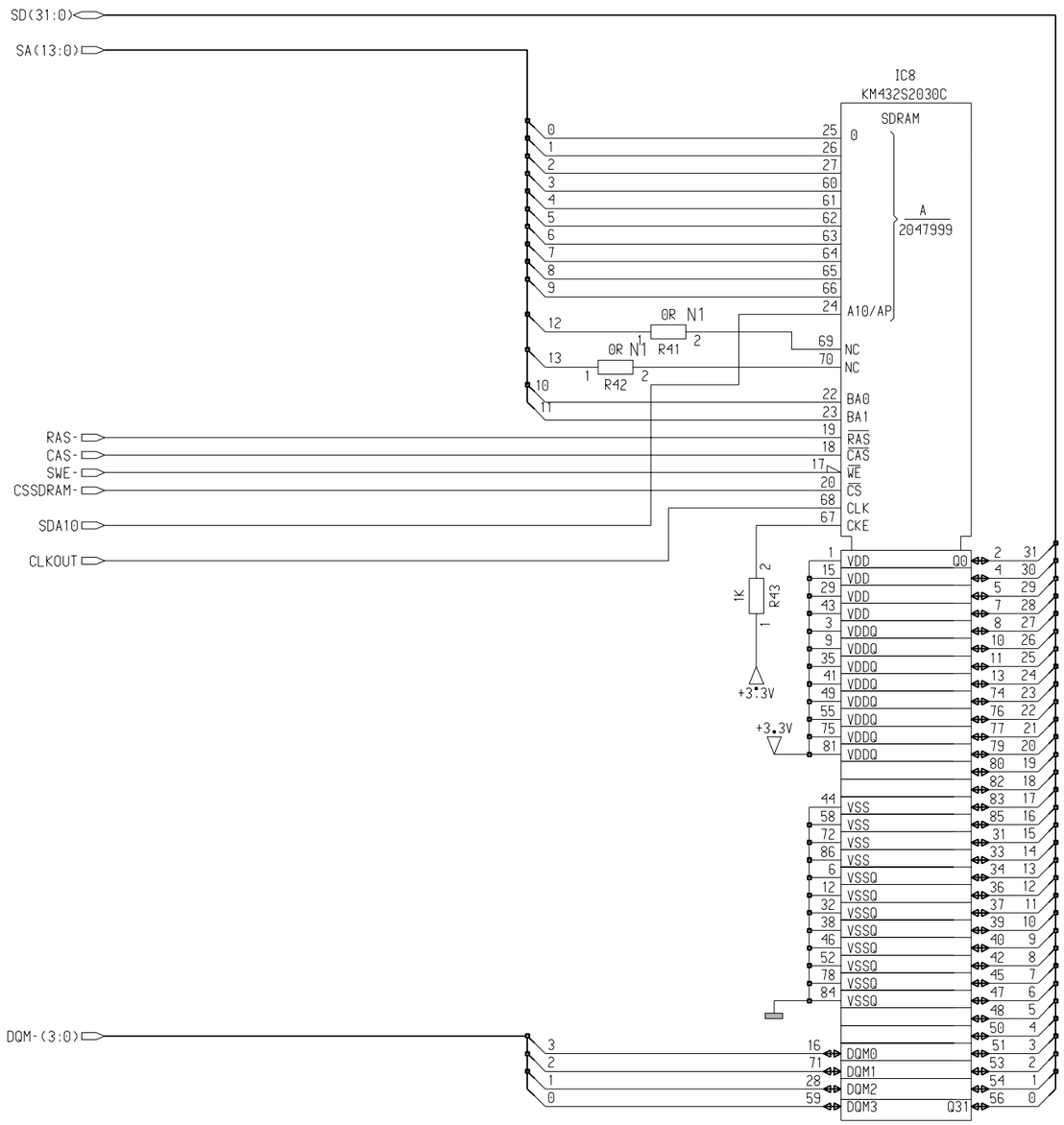


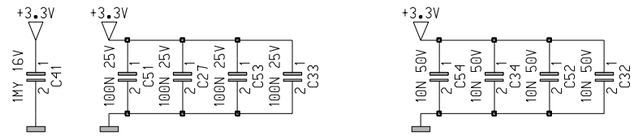


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| Date: 24/12/1999 | Time: 12:04:34 | Issue | 0A0 | | | Sheet | Page | Identification No. |
| Symbol name: SDRAM | | Note No | 401686 | | | 1 | 4 | OCRP-1-ECE- |
| MGC Sheet : sheet1 | | ISKRATEL | | | | Archive | | Second Identification No. |

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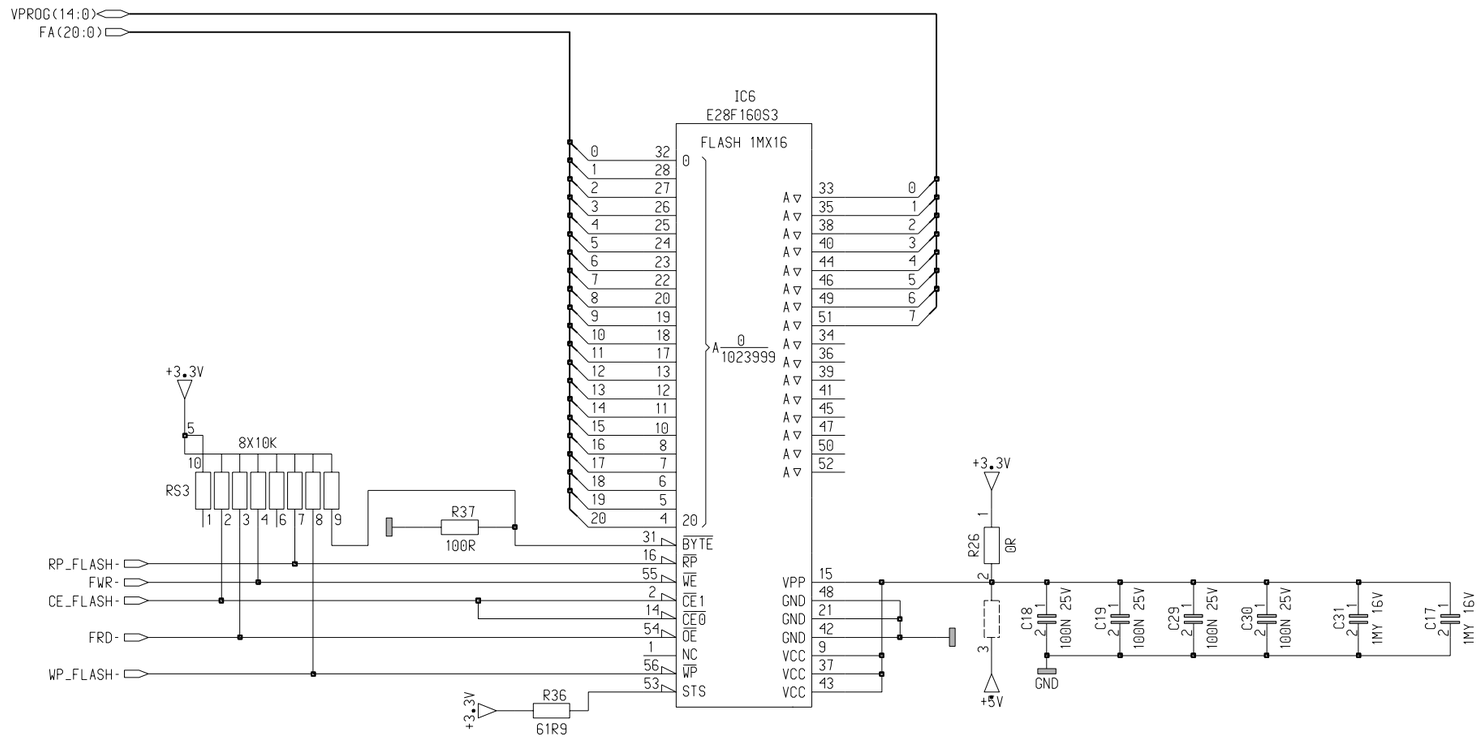


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|---|---|---|---|---|---|
| Date: 19/02/2000 | Time: 01:13:41 | Issue | 0A0 | Sheet 1 | Page 5 |
| Symbol name: FSRAM | | Note No | 401495 | Archive | Identification No. OCRP-1-ECE- |
| MGC Sheet : sheet1 | | ISKRATEL | | | Second Identification No. |

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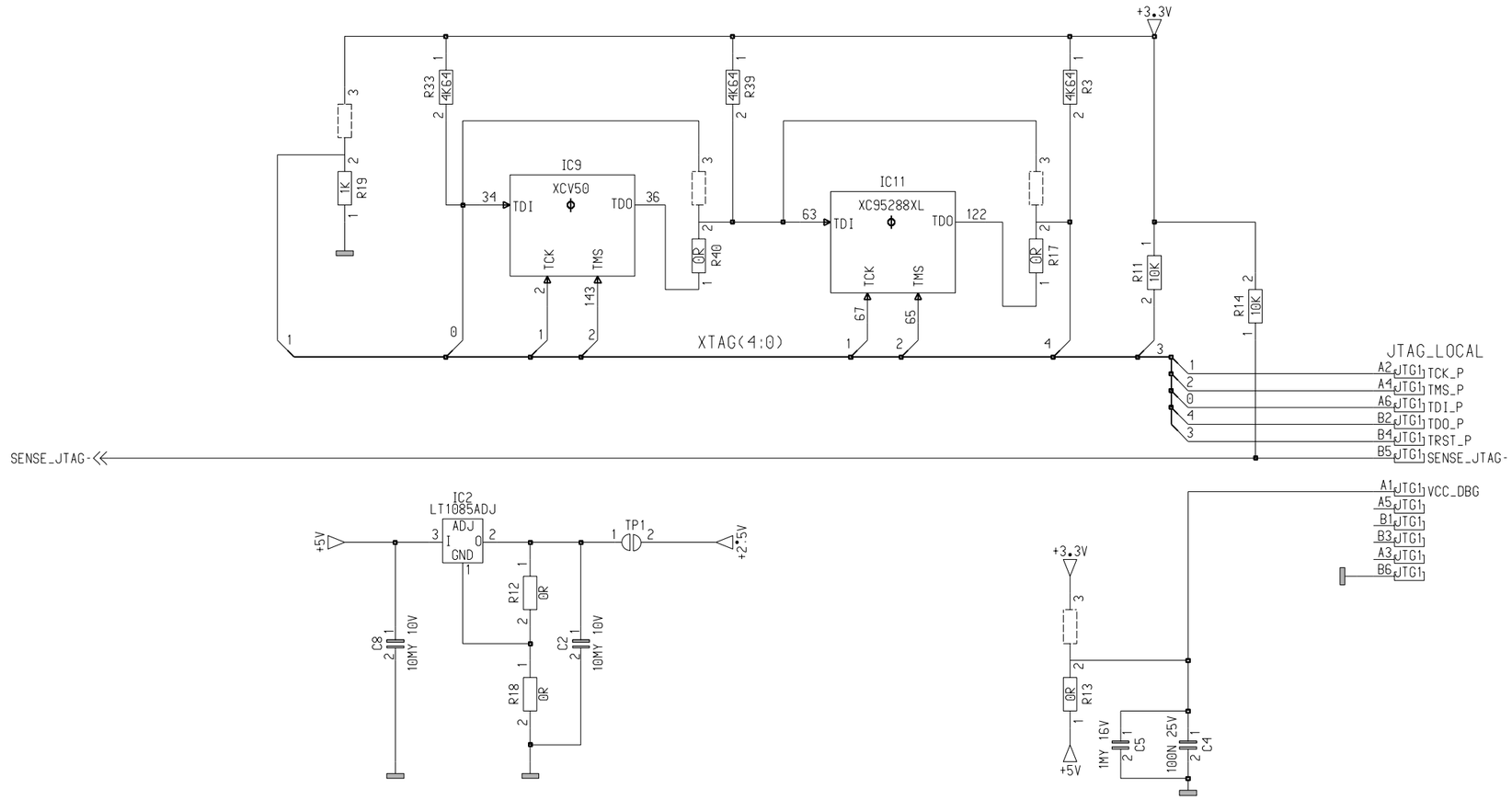


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|---|---|---|---|---|---|---|---|---|---|
| Date: 19/02/2000 | Time: 00:54:50 | | | | | Issue | 0A0 | Sheet 1 | Page 6 |
| Symbol name: JTAG | | | | | | Note No | 401686 | Archive | Identification No. OCRP-1-ECE- |
| MGC Sheet : sheet4 | | | | | | ISKRATEL | | | Second Identification No. |

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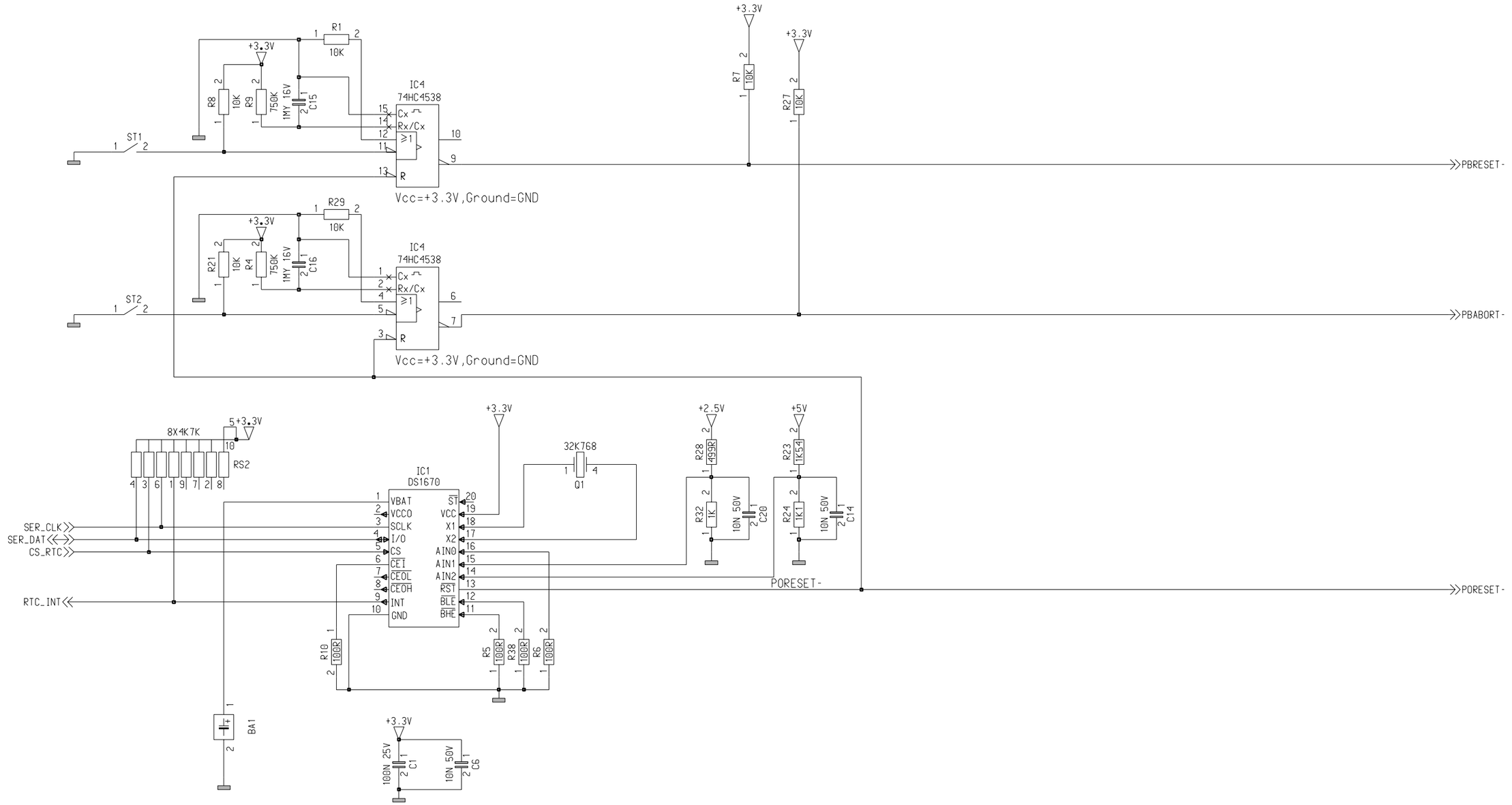


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|---|---|---|---|
| Date: 24/12/1999 | Time: 13:42:03 | | |
| Symbol name: RESET | | | |
| MGC Sheet : sheet5 | | | |

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|---|---|---|---|---|---|---|---|---|
| Issue | 0A0 | | | | | Sheet | Page | Identification No. |
| Note No | 401686 | | | | | 2 | 7 | OCRP-1-ECE- |
| ISKRATEL | | | | | | Archive | | Second Identification No. |

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# SYSCON

PAGES: 9

SYSCON signals: PBRESET-, PBABORT-, CLK40M, PORESET-, SER_CLK, SER_DAT, CS_RTC-, RTC_INT-, EXT(2:0), FA(20:0), FRD-, FWR-, CE_FLASH-, RP_FLASH-, WP_FLASH-, VPROG(14:0), CLKR, CLKT, S0(7:0), S1(7:0), S2(7:0), S3(7:0), S4(3:0), CFRM-, CRST-, CERR, IRQ1-, CACK-, CINT0-, CPME-, CID, CAD0–CAD7, TD0, TCLK, TFRM, TSYNP, LED0–LED3, STAT0, STAT1

## XCV_PROG

14, 0, 8, 9, 10, 13 → XCV1 CCLK, DIN, INIT, PROG, DONE, DOUT

+3.3V — 0R (R2) — +5V → XCV1 VCC_DBG, XFX1, XFX2, XFX3, XFX4

## LED chain

8X1K RS5 (5+3.3V, 10)

D1 HSMS-C660 → LED0

D3 HSMS-C660 → LED1

D4 HSMG-C660 → LED2

D2 HSMS-C660 → LED3

D5 HSMG-C660 → STAT0, STAT1

ST3 MINISWITCH

ST3 MINISWITCH

## J2 connector

A01 J2 GCCI0 — GCCI1 J2 B01
A02 J2 GND — GND J2 B02
A03 J2 GCCI2 — GCCI3 J2 B03
A04 J2 GCCI4 — GCCI5 J2 B04
A05 J2 GCCI6 — GCCI7 J2 B05
A06 J2 GCCI8 — GCCI9 J2 B06
A07 J2 GCCI10 — UTXC J2 B07
A08 J2 SGND0 — SGND1 J2 B08
A09 J2 URXC0 — URXC1 J2 B09
A10 J2 URXC2 — URXC3 J2 B10
A11 J2 SGND2 — SGND3 J2 B11
A12 J2 UPHS0 — UPHS1 J2 B12
A13 J2 UPHS2 — UPHS3 J2 B13
A14 J2 SGND4 — SGND5 J2 B14
A15 J2 A_TYPE — SPKROUT J2 B15
A16 J2 SGND6 — SGND7 J2 B16
A17 J2 USOC — UCLK J2 B17
A18 J2 SGND8 — SGND9 J2 B18
A19 J2 URXE — UTXE J2 B19
A20 J2 UTD0 — UTD1 J2 B20
A21 J2 SGND10 — SGND11 J2 B21
A22 J2 UTD2 — UTD3 J2 B22
A23 J2 UTD4 — UTD5 J2 B23
A24 J2 GND — GND J2 B24
A25 J2 UTD6 — UTD7 J2 B25

## J1 connector

A01 J1 +50 — +12 J1 B01
A02 J1 GND — GND J1 B02
A03 J1 -42 — -42 J1 B03
A04 J1 SPR1 — -12V J1 B04
A05 J1 CAD0 — CAD1 J1 B05
A06 J1 CAD2 — CAD3 J1 B06
A07 J1 CAD4 — CAD5 J1 B07
A08 J1 CAD6 — CAD7 J1 B08
A09 J1 CFRM — CACK J1 B09
A10 J1 CRST — CINT0 J1 B10
A11 J1 CERR — CPME J1 B11
A12 J1 PWDN- — HTL J1 B12
A13 J1 GND — GND J1 B13
A14 J1 10BS2 — CID J1 B14
A15 J1 +5 — +5 J1 B15
A16 J1 STB3.3V — TCLK J1 B16
A17 J1 TFRM — TSYNP J1 B17
A18 J1 3.3V — 3.3V J1 B18
A19 J1 TDO — TD1 J1 B19
A20 J1 TD2 — TD3 J1 B20
A21 J1 SA0 — SA1 J1 B21
A22 J1 SA2 — SA3 J1 B22
A23 J1 CSDA — CSCL J1 B23
A24 J1 GND — GND J1 B24
A25 J1 CCLK0 — CCLK J1 B25

## Power and passives

+3.3V: 47MY 10V C12, 1MY 16V C21
+5V: 47MY 10V CT1, 1MY 16V C13
EM1 3A ferB1812, EM2 3A ferB1812
RS1 4K7 (5, 10, +5V)
RP1 8 4qX10R 1, RP1 7 4qX10R 2, RP1 6 4qX10R 3, RP1 5 4qX10R 4, RP2 2 4qX10R 7, RP2 1 4qX10R 8
CAD0, CAD2, CAD4, CAD6, CFRM-, CRST-, CERR-, IRQ1-
24R3 R35, 24R3 R34
TFRM, TD0, SA0, SA2
10R R45, 10R R45
R47 100K
RS6 8X100K (9 8 3 2 7 6 1 4; 10, +5V; 5)
RS4 4K7 (5, 10, +5V; 1 7 9 4 2 8 3 6)
RP3 6 4qX10R 3, RP3 5 4qX10R 4, RP2 4 4qX10R 5, RP2 7 4qX10R 2, RP2 6 4qX10R 3, RP4 1 4qX10R 8, RP4 2 4qX10R 7
CAD1, CAD3, CAD5, CAD7, CACK-, CINT0-, CPME-, HTL
R44 10K, R31 10K (+5V)
CID, TCLK, TSYNP, SA1, SA3

| | | | |
|---|---|---|---|
| Date: 24/12/1999 | Time: 13:55:25 | | |
| Symbol name: SYSCON & CONN | | | |
| MGC Sheet : sheet2 | | | |

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|---|---|---|---|
| Issue | 0A0 | Sheet 3 | Page 8 |
| Note No | 401686 | Archive | |
| ISKRATEL | | | |

Identification No.: OCRP-1-ECE-

Second Identification No.:

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CAD0 CAD1 CAD2 CAD3 CAD4 CAD5 CAD6 CAD7

CFRM- CRST- CERR- IRQ1- CACK- CINT0- CPME- CID

TD0 TCLK TFRM TSYNP

CLK40M

PBRESET- PBABORT-

PORESET- SER_CLK SER_DAT CS_RTC- RTC_INT-

CLKR CLKT

S0(7:0) S1(7:0) S2(7:0) S3(7:0) S4(3:0)

EXT(2:0)

FA(20:0)

VPROG(14:0)

LED0 LED1 LED2 LED3

STAT0 STAT1

FRD- FWR-

CE_FLASH- RP_FLASH- WP_FLASH-

+3.3V

IC11

XC95288XL

C45 C37 C43 100N 25V

C46 C44 C42 10N 50V

C36 C62 C77 C71 10MY 10V

C56 C72 C75 C61 100N 25V

C49 C74 C76 C67 10N 50V

| | | | | | |
|---|---|---|---|---|---|
| Date: 24/12/1999 | Time: 13:58:02 | Issue | 0A0 | Sheet 1 | Page 9 |
| Symbol name: SYSCON | | Note No | | Archive | Identification No. OCRP-1-ECE- |
| MGC Sheet : sheet1 | | ISKRATEL | | | Second Identification No. |

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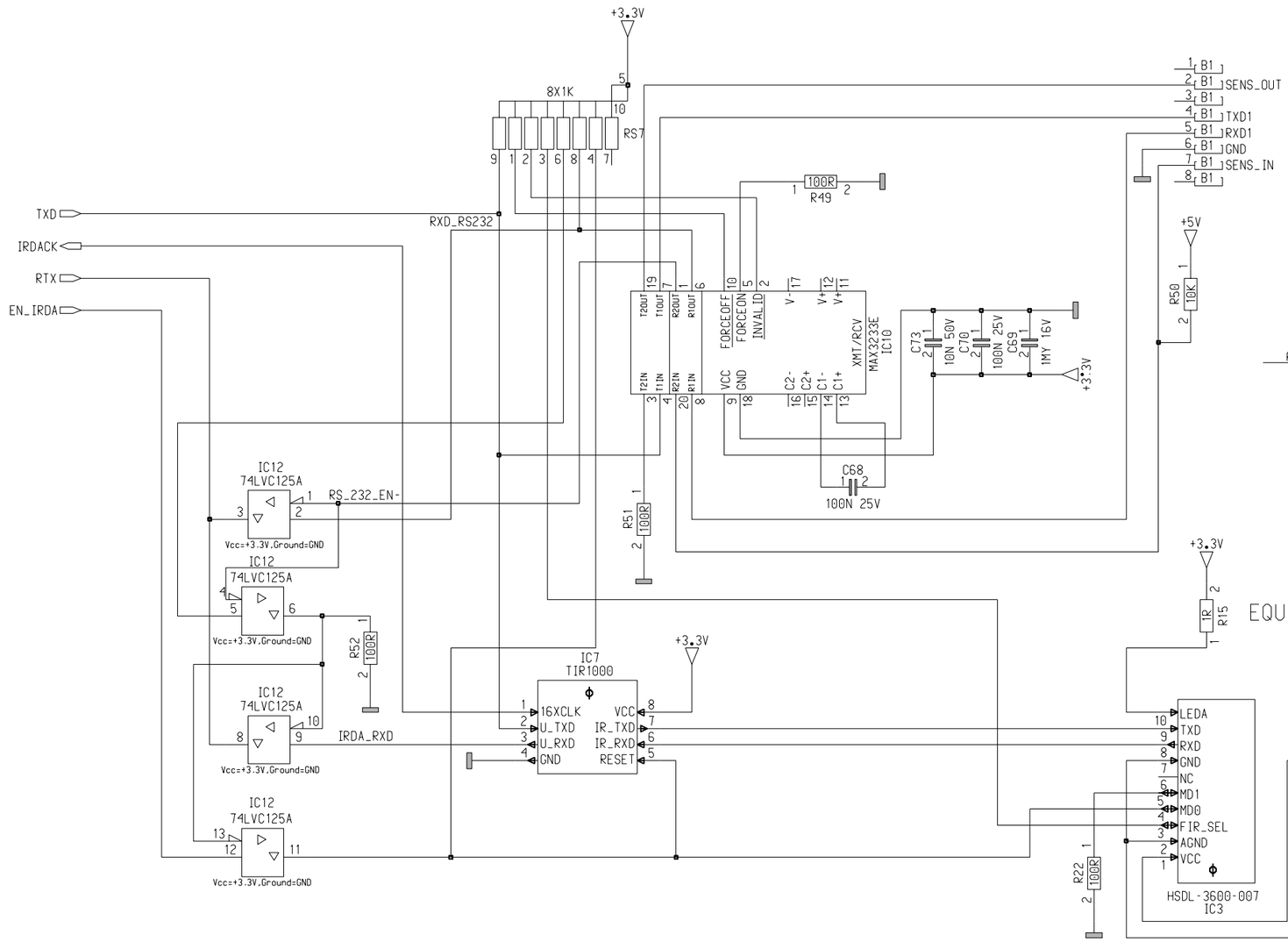


| RS232 plugen in | EN_IRDA- | RS232_ENA- | RS232_ENA+ | SELECTED |
|---|---|---|---|---|
| 0 | 0 | 1 | 0 | IrDA disabled |
| 0 | 1 | 1 | 0 | IrDA enabled |
| 1 | 0 | 0 | 1 | RS232 |
| 1 | 1 | 0 | 1 | RS232 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date: 24/12/1999 | Time: 12:33:54 | Issue | 0A0 | | | | | Sheet 1 | Page 10 | Identification No. OCRP-1-ECE- |
| Symbol name: SERIAL | | Note No | 401686 | | | | | | | |
| MGC Sheet : sheet1 | | ISKRATEL | | | | | | Archive | | Second Identification No. |

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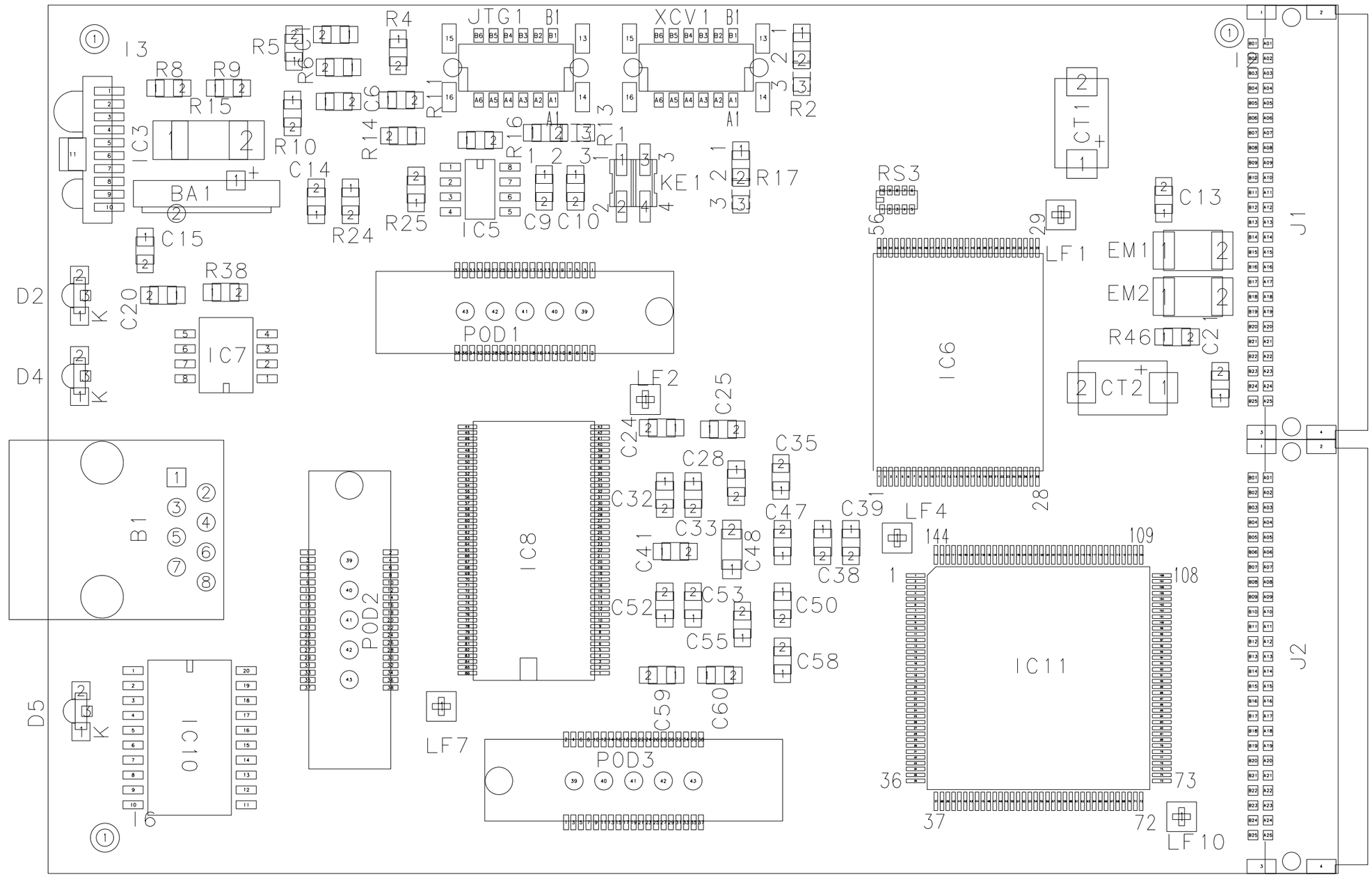


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| Issue | OA0 | | | Sheet | Page | Identification No. |
| Note No. | | | | 11 | | OCRP-1-HDE- |
| ISKRATEL | | | | Archives | | Second identification No. |

Obr.77-83

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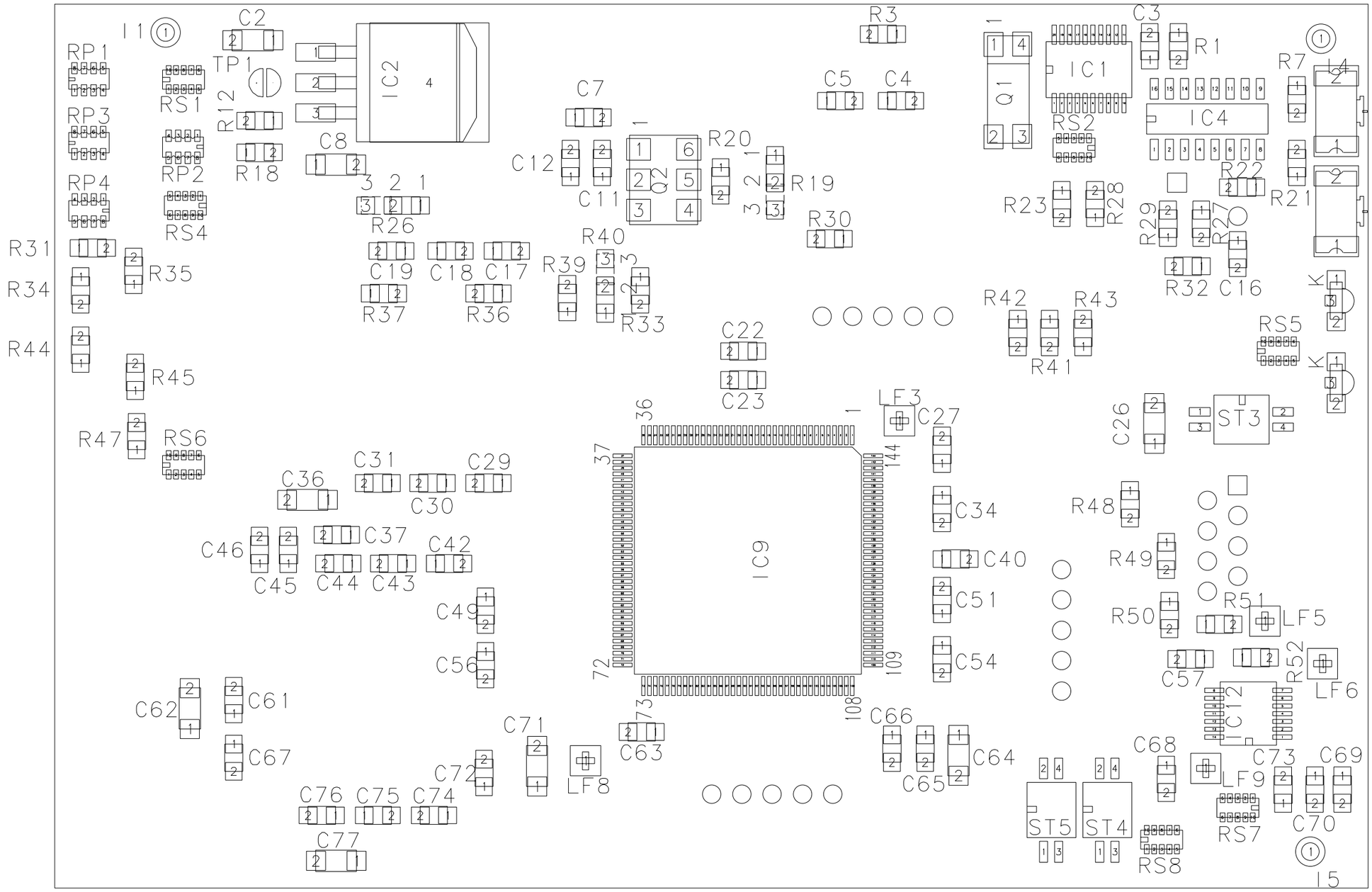


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| Note No. | | | | 12 | | OCRP-1-HDE- |
| ISKRATEL | | | | Archives | | Second identification No. |

Obr.77-83