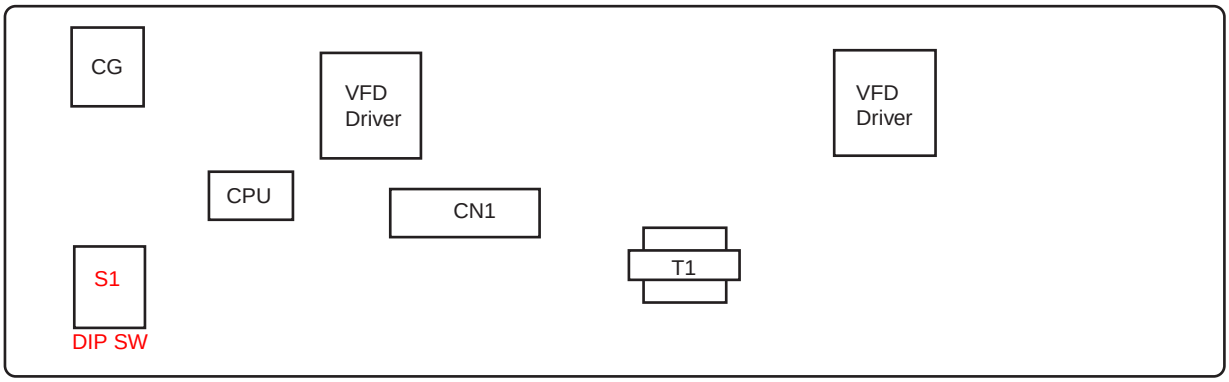
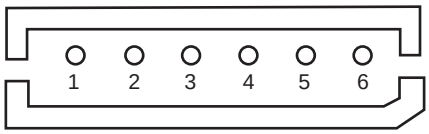
5. PCB LAYOUT AND BLOCK DIAGRAM

5.1 PCB Layout

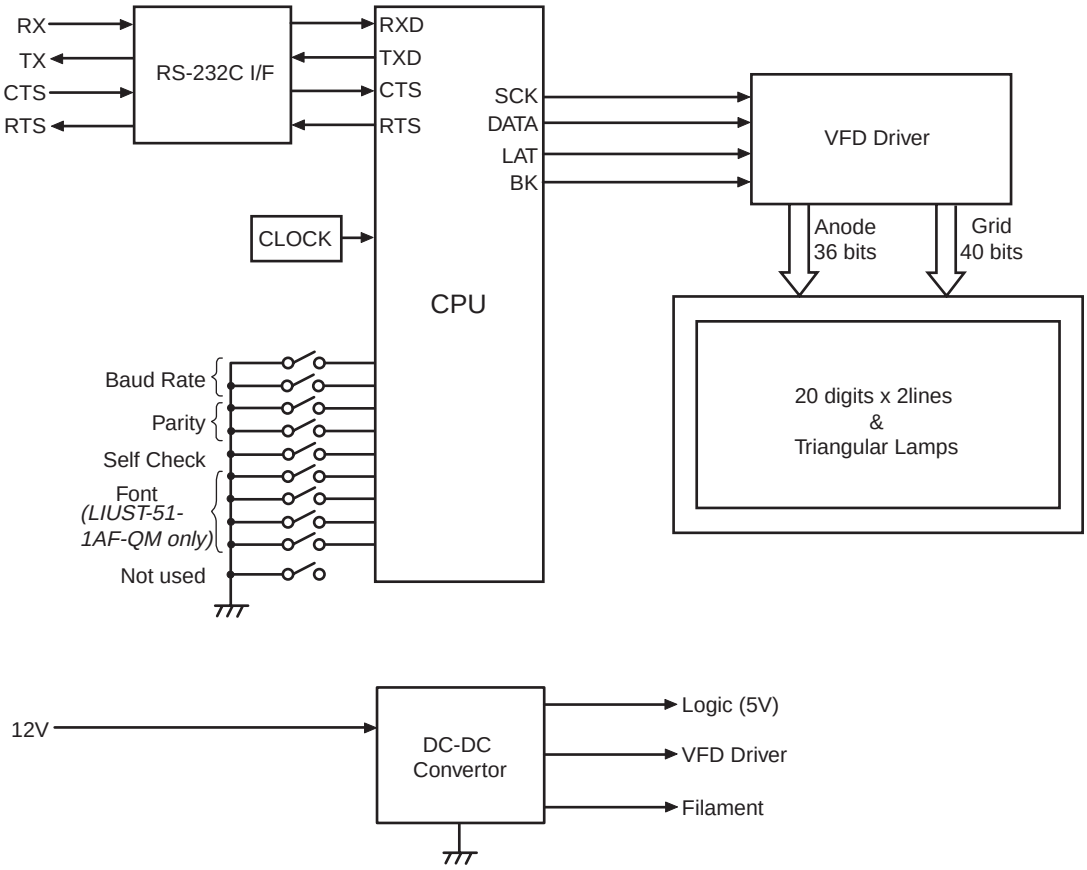


Connector: 6pin Male (CN1)

PIN No.	SIGNAL	PIN No.	SIGNAL
1	RTS	4	RXD
2	CTS	5	TXD
3	GND	6	+12V

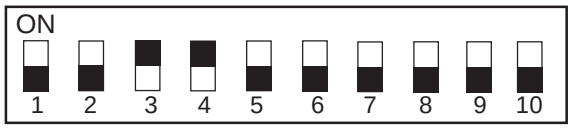


5.2 Block Diagram



5.3 Dip Switch

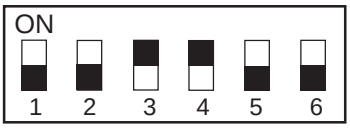
(1) LIUST-A10-BAK/FAK/RAK-QM-R



<table>
<tr><th>SW No.</th><th>Function</th><th>ON</th><th>OFF</th><th>Default Setting</th></tr>
<tr><td>SW1
SW2</td><td>Baud Rate
<table>
<tr><th>SW1</th><th>SW2</th><th>Baud Rate</th></tr>
<tr><td>ON</td><td>ON</td><td>1200 bps</td></tr>
<tr><td>OFF</td><td>ON</td><td>2400 bps</td></tr>
<tr><td>ON</td><td>OFF</td><td>4800 bps</td></tr>
<tr><td>OFF</td><td>OFF</td><td>9600 bps</td></tr>
</table></td><td></td><td></td><td>SW1 & SW2:
OFF</td></tr>
<tr><td>SW3</td><td>Parity</td><td>With</td><td>Without</td><td>ON</td></tr>
<tr><td>SW4</td><td>Parity</td><td>Odd</td><td>Even</td><td>ON</td></tr>
<tr><td>SW5</td><td>Mode</td><td>Self Test</td><td>Normal Mode</td><td>OFF</td></tr>
<tr><td>SW6
SW7
SW8
SW9</td><td>Font
<table>
<tr><th>No.</th><th>SW6</th><th>SW7</th><th>SW8</th><th>SW9</th><th>Default Font</th><th>Available Font</th></tr>
<tr><td>00</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>USA+Germany (Default)</td><td>All</td></tr>
<tr><td>01</td><td>OFF</td><td>OFF</td><td>OFF</td><td>ON</td><td>Japan2</td><td>Japan2 + Common fonts</td></tr>
<tr><td>02</td><td>OFF</td><td>OFF</td><td>ON</td><td>OFF</td><td>East Europe</td><td>East Europe + Common fonts</td></tr>
<tr><td>03</td><td>OFF</td><td>OFF</td><td>ON</td><td>ON</td><td>Iceland</td><td>Iceland + Common fonts</td></tr>
<tr><td>04</td><td>OFF</td><td>ON</td><td>OFF</td><td>OFF</td><td>Greek</td><td>Greek + Common fonts</td></tr>
<tr><td>05</td><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td><td>Cyrillic</td><td>Cyrillic + Common fonts</td></tr>
<tr><td>06</td><td>OFF</td><td>ON</td><td>ON</td><td>OFF</td><td>Greak2</td><td>Greak2 + Common fonts</td></tr>
<tr><td rowspan="2">07 to 12</td><td>OFF</td><td>ON</td><td>ON</td><td>ON</td><td colspan="2" rowspan="2">Reserved for adding fonts</td></tr>
<tr><td>ON</td><td>ON</td><td>OFF</td><td>OFF</td></tr>
<tr><td rowspan="2">13 to 15</td><td>ON</td><td>ON</td><td>OFF</td><td>ON</td><td colspan="2" rowspan="2">Unused</td></tr>
<tr><td>ON</td><td>ON</td><td>ON</td><td>ON</td></tr>
</table></td><td></td><td></td><td>SW6 to SW9:
OFF</td></tr>
<tr><td>SW10</td><td>Unused</td><td>---</td><td>---</td><td>OFF</td></tr>
</table>

NOTE: *Available font setting is performed by the DIP switches SW6 through SW9. According to the combination of the status of these switches, 16 types of settings are provided, No.00 through No.15. Default font at power on time and available font are shown in the above table. (No.00: default) When they are set to No.07 through No.15, No.00 font setting is applied.*

(2) Except for LIUST-A10-BAK/FAK/RAK-QM-R



SW No.	Function	ON	OFF	Default Setting
SW1 SW2	Baud Rate SW1 / SW2 / Baud Rate: ON/ON 1200 bps; OFF/ON 2400 bps; ON/OFF 4800 bps; OFF/OFF 9600 bps			SW1 & SW2: OFF
SW3	Parity	With	Without	ON
SW4	Parity	Odd	Even	ON
SW5	Mode	Self Test	Normal Mode	OFF
SW6	-- reserved --			OFF

NOTE: *SW4 selection is effective only for the SW3 is set to ON.*