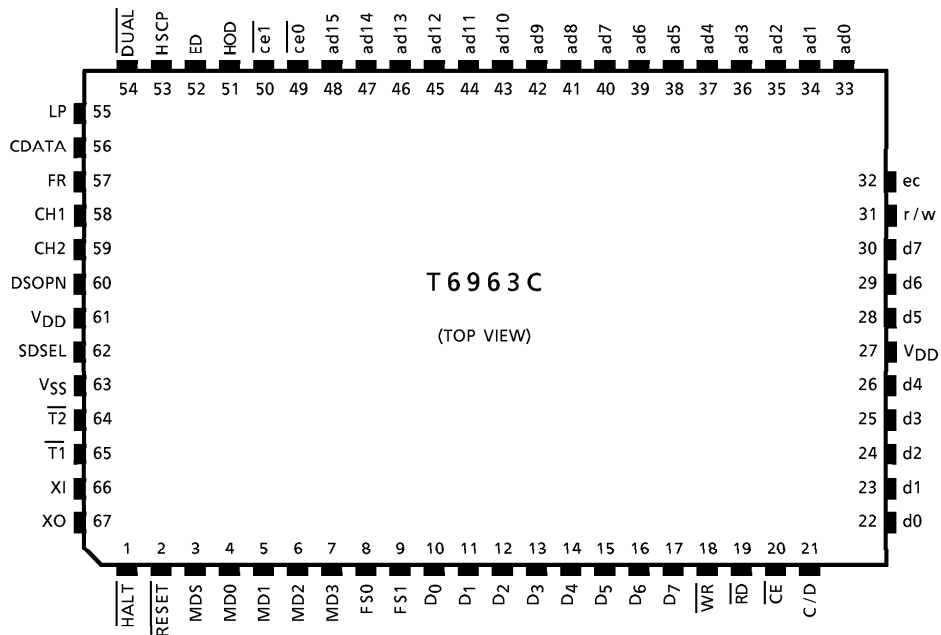


PIN ASSIGNMENT



PIN FUNCTIONS

PIN NAME	I/O	FUNCTIONS																																																																																																																							
MDS MD0 MD1	Input	Pins for selection of LCD size <table border="1"> <tr> <td>DUAL</td> <td>H</td> <td>H</td> <td>H</td> <td>H</td> <td>H</td> <td>H</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> <td>L</td> <td>L</td> <td>L</td> <td>L</td> <td>L</td> <td>L</td> </tr> <tr> <td>MDS</td> <td>L</td> <td>L</td> <td>L</td> <td>L</td> <td>H</td> <td>H</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> <td>L</td> <td>L</td> <td>H</td> <td>H</td> <td>H</td> <td>H</td> </tr> <tr> <td>MD1</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> </tr> <tr> <td>MD0</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> </tr> <tr> <td>LINES</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>4</td> <td>8</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> <td>28</td> <td>32</td> </tr> <tr> <td>V-DOTS</td> <td>16</td> <td>32</td> <td>48</td> <td>64</td> <td>80</td> <td>96</td> <td>112</td> <td>128</td> <td>32</td> <td>64</td> <td>96</td> <td>128</td> <td>160</td> <td>192</td> <td>224</td> <td>256</td> </tr> <tr> <td colspan="9"></td> <td colspan="4">1 SCREEN</td> <td colspan="4">2 SCREENS</td> </tr> </table>	DUAL	H	H	H	H	H	H	H	H	L	L	L	L	L	L	L	L	MDS	L	L	L	L	H	H	H	H	L	L	L	L	H	H	H	H	MD1	H	H	L	L	H	H	L	L	H	H	L	L	H	H	L	L	MD0	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L	LINES	2	4	6	8	10	12	14	16	4	8	12	16	20	24	28	32	V-DOTS	16	32	48	64	80	96	112	128	32	64	96	128	160	192	224	256										1 SCREEN				2 SCREENS			
DUAL	H	H	H	H	H	H	H	H	L	L	L	L	L	L	L	L																																																																																																									
MDS	L	L	L	L	H	H	H	H	L	L	L	L	H	H	H	H																																																																																																									
MD1	H	H	L	L	H	H	L	L	H	H	L	L	H	H	L	L																																																																																																									
MD0	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L																																																																																																									
LINES	2	4	6	8	10	12	14	16	4	8	12	16	20	24	28	32																																																																																																									
V-DOTS	16	32	48	64	80	96	112	128	32	64	96	128	160	192	224	256																																																																																																									
									1 SCREEN				2 SCREENS																																																																																																												
MD2 MD3	Input	Pins for selection of number of columns <table border="1"> <tr> <td>MD2</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> </tr> <tr> <td>MD3</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> </tr> <tr> <td>Columns</td> <td>32</td> <td>40</td> <td>64</td> <td>80</td> </tr> </table>	MD2	H	L	H	L	MD3	H	H	L	L	Columns	32	40	64	80																																																																																																								
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MD3	H	H	L	L																																																																																																																					
Columns	32	40	64	80																																																																																																																					
FS0 FS1	Input	Pins for selection of font <table border="1"> <tr> <td>FS0</td> <td>H</td> <td>L</td> <td>H</td> <td>L</td> </tr> <tr> <td>FS1</td> <td>H</td> <td>H</td> <td>L</td> <td>L</td> </tr> <tr> <td>Font</td> <td>5×8</td> <td>6×8</td> <td>7×8</td> <td>8×8</td> </tr> </table>	FS0	H	L	H	L	FS1	H	H	L	L	Font	5×8	6×8	7×8	8×8																																																																																																								
FS0	H	L	H	L																																																																																																																					
FS1	H	H	L	L																																																																																																																					
Font	5×8	6×8	7×8	8×8																																																																																																																					
D0 to D7	I/O	Data I/O pins between CPU and T6963C (D7 is MSB)																																																																																																																							
WR	Input	Data Write. Write data into T6963C when WR = L.																																																																																																																							
RD	Input	Data Read. Read data from T6963C when RD = L.																																																																																																																							
CE	Input	Chip Enable for T6963C. CE must be L when CPU communicates with T6963C.																																																																																																																							