

AccessionIndex: TCD-SCSS-T.20251002.003

Accession Date: 2-Oct-2025

Accession By: Dr.Brian Coghlan

Object name: Texas Instruments 7400 series transistor-transistor (TTL) chips

Vintage: 1963

Synopsis: Medium-scale-integration (MSI) logic.

Description:

Buie (TRW), Beeson (Fairchild) and Longo (Sylvania) proposed transistor-transistor logic (TTL) in 1961. Sylvania Electric was the first to manufacture devices that used this technology in 1963, however it was Texas Instruments that developed a very extensive and widely-used range of transistor-transistor logic (TTL) chips, first the 5400 series, then the 7400 series, eventually the de facto logic device family, second-sourced from numerous suppliers, and available in low-power, schottky, and CMOS technologies. ...

Many thanks to Brian Coghlan for donating these items.

The homepage for this catalog is at: <https://www.scss.tcd.ie/SCSSTreasuresCatalog/>
 Click '*Accession Index*' (1st column listed) for related folder, or '*About*' for further guidance.
 Some of the items below may be more properly part of other categories of this catalog,
 but are listed here for convenience.

| Accession Index | Object with Identification |
|---|---|
| TCD-SCSS-T.20251002.003 | Texas Instruments 7400 series transistor-transistor (TTL) chips. Medium-scale-integration (MSI) logic. 1963. |
| TCD-SCSS-T.20251002.003.000 | 5 x SN74LS00N and 6 x DM74LS00N and 1 x HD74HC00P and 7 x MM74C00N and 1 x Signetics N74LS00A and 1 x F74F00PC and 1 x F74ACT00PC and 5 x SN7400N and 2 x SN74S00N. |
| TCD-SCSS-T.20251002.003.001 | 5 x SN74LS01N and 1 x RS 7401. |
| TCD-SCSS-T.20251002.003.002 | 9 x DM74LS02N and 3 x Signetics 74LS02N and 5 x SN7402N and 1 x F74LS02PC and 2 x F7402N. |
| TCD-SCSS-T.20251002.003.003 | 6 x DM74LS03N and 1 x DM7403N. |
| TCD-SCSS-T.20251002.003.004 | 1 x SN7404N and 1 x DM7404N and 1 x MC74HC04AN and 2 x SN74LS04N. |
| TCD-SCSS-T.20251002.003.005 | 5 x DM74LS05N and 1 x Signetics N74S05A. |
| TCD-SCSS-T.20251002.003.006 | 2 x SN7406N and 1 x DM7406N. |
| TCD-SCSS-T.20251002.003.007 | 2 x SN7407N. |
| TCD-SCSS-T.20251002.003.008 | 3 x SN74LS08N and 11 x T74LS08B1 and 5 x F74LS08PC and 2 x DM74LS08N and 1 x Signetics 74LS08N and 3 x SN7408N and 1 x SN74S08N and 1 x 74H08. |
| TCD-SCSS-T.20251002.003.009 | 5 x DM74LS09N and Signetics N7409A and SN74S09N. |
| TCD-SCSS-T.20251002.003.010 | 1 x SN74S10 and 3 x SN74LS10N and 2 x Signetics 74LS10N. |
| TCD-SCSS-T.20251002.003.011 | 5 x DM74LS11N. |
| TCD-SCSS-T.20251002.003.012 | 5 x SN7412N and 1 x SN74LS12N and 3 x DM74LS12N. |
| TCD-SCSS-T.20251002.003.013 | 4 x SN7413N and 1 x SN74LS13N. |
| TCD-SCSS-T.20251002.003.014 | Missing 7414. |
| TCD-SCSS-T.20251002.003.015 | 5 x SN74LS15N. |
| TCD-SCSS-T.20251002.003.016 | 1 x SN7416 N and 3 x RS 7416. |
| TCD-SCSS-T.20251002.003.017 | 2 x SN7417N and 4 x DM7417N. |
| TCD-SCSS-T.20251002.003.018 | Missing 7418. |
| TCD-SCSS-T.20251002.003.019 | Missing 7419. |
| TCD-SCSS-T.20251002.003.020 | 1 x SN74LS20N and 1 x DM74LS20N and 2 x Signetics 74LS20N. |
| TCD-SCSS-T.20251002.003.021 | Missing 7421. |
| TCD-SCSS-T.20251002.003.022 | Missing 7422. |
| TCD-SCSS-T.20251002.003.023 | Missing 7423. |
| TCD-SCSS-T.20251002.003.024 | Missing 7424. |
| TCD-SCSS-T.20251002.003.025 | Missing 7425. |
| TCD-SCSS-T.20251002.003.026 | Missing 7426. |
| TCD-SCSS-T.20251002.003.027 | Missing 7427. |
| TCD-SCSS-T.20251002.003.028 | Missing 7428. |
| TCD-SCSS-T.20251002.003.029 | Missing 7429. |
| TCD-SCSS-T.20251002.003.030 | Missing 7430. |
| TCD-SCSS-T.20251002.003.031 | Missing 7431. |
| TCD-SCSS-T.20251002.003.032 | 1 x SN74LS32N and 1 x HD74HC32P. |
| TCD-SCSS-T.20251002.003.033 | 1 x SN74LS33N. |
| TCD-SCSS-T.20251002.003.034 | Missing 7434. |

| | |
|---|-----------------------------------|
| TCD-SCSS-T.20251002.003.035 | Missing 7435. |
| TCD-SCSS-T.20251002.003.036 | Missing 7436. |
| TCD-SCSS-T.20251002.003.037 | Missing 7437. |
| TCD-SCSS-T.20251002.003.038 | 2 x DM74LS38N. |
| TCD-SCSS-T.20251002.003.039 | Missing 7439. |
| TCD-SCSS-T.20251002.003.040 | 2 x EL7440. |
| TCD-SCSS-T.20251002.003.041 | Missing 7441. |
| TCD-SCSS-T.20251002.003.042 | 2 x SN74LS42N. |
| TCD-SCSS-T.20251002.003.043 | Missing 7443. |
| TCD-SCSS-T.20251002.003.044 | Missing 7444. |
| TCD-SCSS-T.20251002.003.045 | 1 x Signetics 7445B. 1 x DM7445N. |
| TCD-SCSS-T.20251002.003.046 | 2 x DM7446AN. |
| TCD-SCSS-T.20251002.003.047 | 2 x SN7447AN, 2 x SN74LS47N. |
| TCD-SCSS-T.20251002.003.048 | 2 x DM7448N. |
| TCD-SCSS-T.20251002.003.049 | Missing 7449. |
| TCD-SCSS-T.20251002.003.050 | 2 x EL7450. |
| TCD-SCSS-T.20251002.003.051 | 1 x SN7451J, 1 x T7451. |
| TCD-SCSS-T.20251002.003.052 | Missing 7452. |
| TCD-SCSS-T.20251002.003.053 | 1 x ZN7453E, 1 x ITT7453N. |
| TCD-SCSS-T.20251002.003.054 | 2 x DM7454N. |
| TCD-SCSS-T.20251002.003.055 | Missing 7455. |
| TCD-SCSS-T.20251002.003.056 | Missing 7456. |
| TCD-SCSS-T.20251002.003.057 | Missing 7457. |
| TCD-SCSS-T.20251002.003.058 | Missing 7458. |
| TCD-SCSS-T.20251002.003.059 | Missing 7459. |
| TCD-SCSS-T.20251002.003.060 | 2 x EL 7460. |
| TCD-SCSS-T.20251002.003.061 | Missing 7461. |
| TCD-SCSS-T.20251002.003.062 | Missing 7462. |
| TCD-SCSS-T.20251002.003.063 | Missing 7463. |
| TCD-SCSS-T.20251002.003.064 | Missing 7464. |
| TCD-SCSS-T.20251002.003.065 | Missing 7465. |
| TCD-SCSS-T.20251002.003.066 | Missing 7466. |
| TCD-SCSS-T.20251002.003.067 | Missing 7467. |
| TCD-SCSS-T.20251002.003.068 | Missing 7468. |
| TCD-SCSS-T.20251002.003.069 | Missing 7469. |
| TCD-SCSS-T.20251002.003.070 | 1 x SN7470N, 1 x ZN7470E. |
| TCD-SCSS-T.20251002.003.071 | Missing 7471. |
| TCD-SCSS-T.20251002.003.072 | Missing 7472. |
| TCD-SCSS-T.20251002.003.073 | 2 x DM74LS73AN. |
| TCD-SCSS-T.20251002.003.074 | 2 x SN7474N and 5 x DM74LS74N. |
| TCD-SCSS-T.20251002.003.075 | 1 x DM7475N, 2 x SN7475N. |
| TCD-SCSS-T.20251002.003.076 | 1 x DM7476N, 2 x SN74LS76N. |
| TCD-SCSS-T.20251002.003.077 | Missing 7477. |
| TCD-SCSS-T.20251002.003.078 | Missing 7478. |
| TCD-SCSS-T.20251002.003.079 | Missing 7479. |
| TCD-SCSS-T.20251002.003.080 | Missing 7480. |
| TCD-SCSS-T.20251002.003.081 | Missing 7481. |
| TCD-SCSS-T.20251002.003.082 | Missing 7482. |
| TCD-SCSS-T.20251002.003.083 | 1 x DM74LS83AN. |

| | |
|---|-----------------------------------|
| TCD-SCSS-T.20251002.003.084 | Missing 7484. |
| TCD-SCSS-T.20251002.003.085 | Missing 7485. |
| TCD-SCSS-T.20251002.003.086 | Missing 7486. |
| TCD-SCSS-T.20251002.003.087 | Missing 7487. |
| TCD-SCSS-T.20251002.003.088 | Missing 7488. |
| TCD-SCSS-T.20251002.003.089 | Missing 7489. |
| TCD-SCSS-T.20251002.003.090 | 1 x MM74C90N. |
| TCD-SCSS-T.20251002.003.091 | 1 x ITT7491AN. |
| TCD-SCSS-T.20251002.003.092 | 2 x Signetics 7492A. |
| TCD-SCSS-T.20251002.003.093 | 2 x DM74LS93N, 1 x MM74C93N. |
| TCD-SCSS-T.20251002.003.094 | 2 x Signetics 7494N. |
| TCD-SCSS-T.20251002.003.095 | 2 x ITT7495. |
| TCD-SCSS-T.20251002.003.096 | Missing 7496. |
| TCD-SCSS-T.20251002.003.097 | 4 x F7497PC. |
| TCD-SCSS-T.20251002.003.098 | Missing 7498. |
| TCD-SCSS-T.20251002.003.099 | Missing 7499. |
| TCD-SCSS-T.20251002.003.100 | Missing 74100. |
| TCD-SCSS-T.20251002.003.101 | Missing 74101. |
| TCD-SCSS-T.20251002.003.102 | Missing 74102. |
| TCD-SCSS-T.20251002.003.103 | 1 x SN74H103N. |
| TCD-SCSS-T.20251002.003.104 | Missing 74104. |
| TCD-SCSS-T.20251002.003.105 | Missing 74105. |
| TCD-SCSS-T.20251002.003.106 | Missing 74106. |
| TCD-SCSS-T.20251002.003.107 | 2 x DM74LS107N. |
| TCD-SCSS-T.20251002.003.108 | Missing 74108. |
| TCD-SCSS-T.20251002.003.109 | 2 x SN74LS109AN. |
| TCD-SCSS-T.20251002.003.110 | Missing 74110. |
| TCD-SCSS-T.20251002.003.111 | Missing 74111. |
| TCD-SCSS-T.20251002.003.112 | 2 x DM74LS112N, 2 x SN74S112N. |
| TCD-SCSS-T.20251002.003.113 | 1 x DM74LS113N. |
| TCD-SCSS-T.20251002.003.114 | 2 x DM74LS114N. |
| TCD-SCSS-T.20251002.003.115 | Missing 74115. |
| TCD-SCSS-T.20251002.003.116 | Missing 74116. |
| TCD-SCSS-T.20251002.003.117 | Missing 74117. |
| TCD-SCSS-T.20251002.003.118 | 2 x SN74118. |
| TCD-SCSS-T.20251002.003.119 | Missing 74119. |
| TCD-SCSS-T.20251002.003.120 | Missing 74120. |
| TCD-SCSS-T.20251002.003.121 | 2 x SN74121N. |
| TCD-SCSS-T.20251002.003.122 | 1 x 74122. |
| TCD-SCSS-T.20251002.003.123 | 2 x SN74LS123N. |
| TCD-SCSS-T.20251002.003.124 | 9 x SN74S124N and 2 x SN74LS124N. |
| TCD-SCSS-T.20251002.003.125 | 2 x DM74LS125AN. |
| TCD-SCSS-T.20251002.003.126 | 2 x DM74LS126N. |
| TCD-SCSS-T.20251002.003.127 | Missing 74127. |
| TCD-SCSS-T.20251002.003.128 | Missing 74128. |
| TCD-SCSS-T.20251002.003.129 | Missing 74129. |
| TCD-SCSS-T.20251002.003.130 | Missing 74130. |
| TCD-SCSS-T.20251002.003.131 | Missing 74131. |
| TCD-SCSS-T.20251002.003.132 | 1 x DM74132N, 1 x DM74LS132N. |

| | |
|---|---|
| TCD-SCSS-T.20251002.003.133 | 2 x SN74S133N, 2 x F74LS133PC. |
| TCD-SCSS-T.20251002.003.134 | Missing 74134. |
| TCD-SCSS-T.20251002.003.135 | Missing 74135. |
| TCD-SCSS-T.20251002.003.136 | 2 x SN74LS136N. |
| TCD-SCSS-T.20251002.003.137 | Missing 74137. |
| TCD-SCSS-T.20251002.003.138 | 5 x SN74LS138N and 1 x 74HC138AP. |
| TCD-SCSS-T.20251002.003.139 | 8 x F74LS139PC and 9 x SN74LS139N and 2 x DM74LS139N. |
| TCD-SCSS-T.20251002.003.140 | Missing 74140. |
| TCD-SCSS-T.20251002.003.141 | 2 x SN74141N. |
| TCD-SCSS-T.20251002.003.142 | Missing 74142. |
| TCD-SCSS-T.20251002.003.143 | Missing 74143. |
| TCD-SCSS-T.20251002.003.144 | Missing 74144. |
| TCD-SCSS-T.20251002.003.145 | Missing 74145. |
| TCD-SCSS-T.20251002.003.146 | Missing 74146. |
| TCD-SCSS-T.20251002.003.147 | 2 x SN74147N. |
| TCD-SCSS-T.20251002.003.148 | 2 x DM74148N. |
| TCD-SCSS-T.20251002.003.149 | Missing 74149. |
| TCD-SCSS-T.20251002.003.150 | 1 x SN74150N, 1 x DM74150N. |
| TCD-SCSS-T.20251002.003.151 | 2 x DM74LS151N. |
| TCD-SCSS-T.20251002.003.152 | Missing 74152. |
| TCD-SCSS-T.20251002.003.153 | 1 x SN74153N, 1 x F74F153PC and 1 x F74ACT153PC. |
| TCD-SCSS-T.20251002.003.154 | 5 x DM74LS154N and 5 x Signetics 74LS154N and 1 x SN74154N and 1 x ITT74154J. |
| TCD-SCSS-T.20251002.003.155 | 2 x SN74LS155N. |
| TCD-SCSS-T.20251002.003.156 | 2 x DM74LS156N. |
| TCD-SCSS-T.20251002.003.157 | 2 x SN74157N. |
| TCD-SCSS-T.20251002.003.158 | 2 x SN74LS158N. |
| TCD-SCSS-T.20251002.003.159 | Missing 74159. |
| TCD-SCSS-T.20251002.003.160 | 3 x SN74LS160N. |
| TCD-SCSS-T.20251002.003.161 | 1 x SN74161N and 1 x F74F161APC and 1 x F74ACT161PC. |
| TCD-SCSS-T.20251002.003.162 | 2 x SN74LS162AN. |
| TCD-SCSS-T.20251002.003.163 | 2 x Signetics N74163B. |
| TCD-SCSS-T.20251002.003.164 | 1 x SN74164N and 2 x F74F164N and 9 x DM74LS164N and 1 x DM74164N and SN74164J. |
| TCD-SCSS-T.20251002.003.165 | 1 x DM74165N. |
| TCD-SCSS-T.20251002.003.166 | 2 x SN74166N and 9 x SN74LS166N. |
| TCD-SCSS-T.20251002.003.167 | Missing 74167. |
| TCD-SCSS-T.20251002.003.168 | Missing 74168. |
| TCD-SCSS-T.20251002.003.169 | 2 x DM74LS169AN. |
| TCD-SCSS-T.20251002.003.170 | Missing 74170. |
| TCD-SCSS-T.20251002.003.171 | Missing 74171. |
| TCD-SCSS-T.20251002.003.172 | Missing 74172. |
| TCD-SCSS-T.20251002.003.173 | 1 x Signetics 74LS173N. |
| TCD-SCSS-T.20251002.003.174 | 1 x Signetics 74F174N, 2 x Am25LS174PC. |
| TCD-SCSS-T.20251002.003.175 | 2 x SN74LS175N. |
| TCD-SCSS-T.20251002.003.176 | Missing 74176. |
| TCD-SCSS-T.20251002.003.177 | Missing 74177. |
| TCD-SCSS-T.20251002.003.178 | Missing 74178. |
| TCD-SCSS-T.20251002.003.179 | Missing 74179. |

| | |
|---|----------------------------------|
| TCD-SCSS-T.20251002.003.180 | 1 x74180 (label underneath). |
| TCD-SCSS-T.20251002.003.181 | Missing 74181. |
| TCD-SCSS-T.20251002.003.182 | 1 x SN74182N. |
| TCD-SCSS-T.20251002.003.183 | Missing 74183. |
| TCD-SCSS-T.20251002.003.184 | Missing 74184. |
| TCD-SCSS-T.20251002.003.185 | Missing 74185. |
| TCD-SCSS-T.20251002.003.186 | Missing 74186. |
| TCD-SCSS-T.20251002.003.187 | Missing 74187. |
| TCD-SCSS-T.20251002.003.188 | Missing 74188. |
| TCD-SCSS-T.20251002.003.189 | 2 x SN74LS189AN. |
| TCD-SCSS-T.20251002.003.190 | Missing 74190. |
| TCD-SCSS-T.20251002.003.191 | 2 x DM74191N and 1 x F74LS191PC. |
| TCD-SCSS-T.20251002.003.192 | Missing 74192. |
| TCD-SCSS-T.20251002.003.193 | 8 x DM74LS193N and HD74LS193P. |
| TCD-SCSS-T.20251002.003.194 | 2 x DM74LS194AN. |
| TCD-SCSS-T.20251002.003.195 | 1 x Signetics 74195N. |
| TCD-SCSS-T.20251002.003.196 | Missing 74196. |
| TCD-SCSS-T.20251002.003.197 | 1 x SN74197N. |
| TCD-SCSS-T.20251002.003.198 | Missing 74198. |
| TCD-SCSS-T.20251002.003.199 | Missing 74199. |
| TCD-SCSS-T.20251002.003.200 | Missing 74200. |
| TCD-SCSS-T.20251002.003.201 | Missing 74201. |
| TCD-SCSS-T.20251002.003.202 | Missing 74202. |
| TCD-SCSS-T.20251002.003.203 | Missing 74203. |
| TCD-SCSS-T.20251002.003.204 | Missing 74204. |
| TCD-SCSS-T.20251002.003.205 | Missing 74205. |
| TCD-SCSS-T.20251002.003.206 | Missing 74206. |
| TCD-SCSS-T.20251002.003.207 | Missing 74207. |
| TCD-SCSS-T.20251002.003.208 | Missing 74208. |
| TCD-SCSS-T.20251002.003.209 | Missing 74209. |
| TCD-SCSS-T.20251002.003.210 | Missing 74210. |
| TCD-SCSS-T.20251002.003.211 | Missing 74211. |
| TCD-SCSS-T.20251002.003.212 | Missing 74212. |
| TCD-SCSS-T.20251002.003.213 | Missing 74213. |
| TCD-SCSS-T.20251002.003.214 | Missing 74214. |
| TCD-SCSS-T.20251002.003.215 | Missing 74215. |
| TCD-SCSS-T.20251002.003.216 | Missing 74216. |
| TCD-SCSS-T.20251002.003.217 | Missing 74217. |
| TCD-SCSS-T.20251002.003.218 | Missing 74218. |
| TCD-SCSS-T.20251002.003.219 | Missing 74219. |
| TCD-SCSS-T.20251002.003.220 | Missing 74220. |
| TCD-SCSS-T.20251002.003.221 | Missing 74221. |
| TCD-SCSS-T.20251002.003.222 | Missing 74222. |
| TCD-SCSS-T.20251002.003.223 | Missing 74223. |
| TCD-SCSS-T.20251002.003.224 | Missing 74224. |
| TCD-SCSS-T.20251002.003.225 | 4 x SN74S225J. |
| TCD-SCSS-T.20251002.003.226 | Missing 74226. |
| TCD-SCSS-T.20251002.003.227 | Missing 74227. |
| TCD-SCSS-T.20251002.003.228 | Missing 74228. |

| | |
|---|---|
| TCD-SCSS-T.20251002.003.229 | Missing 74229. |
| TCD-SCSS-T.20251002.003.230 | Missing 74230. |
| TCD-SCSS-T.20251002.003.231 | Missing 74231. |
| TCD-SCSS-T.20251002.003.232 | Missing 74232. |
| TCD-SCSS-T.20251002.003.233 | Missing 74233. |
| TCD-SCSS-T.20251002.003.234 | Missing 74234. |
| TCD-SCSS-T.20251002.003.235 | Missing 74235. |
| TCD-SCSS-T.20251002.003.236 | Missing 74236. |
| TCD-SCSS-T.20251002.003.237 | Missing 74237. |
| TCD-SCSS-T.20251002.003.238 | Missing 74238. |
| TCD-SCSS-T.20251002.003.239 | Missing 74239. |
| TCD-SCSS-T.20251002.003.240 | 6 x SN74LS240N. |
| TCD-SCSS-T.20251002.003.241 | 2 x SN74LS241N. |
| TCD-SCSS-T.20251002.003.242 | 2 x Signetics 74LS242N. |
| TCD-SCSS-T.20251002.003.243 | 2 x Am25LS243PC. |
| TCD-SCSS-T.20251002.003.244 | 4 x SN74LS244N and 2 x SN74F244N and 1 x F74ACT244PC and 2 x DM74LS244N and 2 x RS 74LS244 and 1 x F74LS244PC. |
| TCD-SCSS-T.20251002.003.245 | 1 x SN74LS245N and 3 x Signetics 74F245N and 1 x F74F245PC and 5 x F74ACT245N. |
| TCD-SCSS-T.20251002.003.246 | Missing 74246. |
| TCD-SCSS-T.20251002.003.247 | Missing 74247. |
| TCD-SCSS-T.20251002.003.248 | Missing 74248. |
| TCD-SCSS-T.20251002.003.249 | Missing 74249. |
| TCD-SCSS-T.20251002.003.250 | Missing 74250. |
| TCD-SCSS-T.20251002.003.251 | 2 x SN74LS251N. |
| TCD-SCSS-T.20251002.003.252 | Missing 74252. |
| TCD-SCSS-T.20251002.003.253 | 2 x Am25LS253PC. |
| TCD-SCSS-T.20251002.003.254 | Missing 74254. |
| TCD-SCSS-T.20251002.003.255 | Missing 74255. |
| TCD-SCSS-T.20251002.003.256 | Missing 74256. |
| TCD-SCSS-T.20251002.003.257 | 2 x Am25LS257N. |
| TCD-SCSS-T.20251002.003.258 | Missing 74258. |
| TCD-SCSS-T.20251002.003.259 | 2 x SN74LS259N. |
| TCD-SCSS-T.20251002.003.260 | 2 x SN74S260N. |
| TCD-SCSS-T.20251002.003.261 | Missing 74261. |
| TCD-SCSS-T.20251002.003.262 | Missing 74262. |
| TCD-SCSS-T.20251002.003.263 | Missing 74263. |
| TCD-SCSS-T.20251002.003.264 | Missing 74264. |
| TCD-SCSS-T.20251002.003.265 | Missing 74265. |
| TCD-SCSS-T.20251002.003.266 | Missing 74266. |
| TCD-SCSS-T.20251002.003.267 | Missing 74267. |
| TCD-SCSS-T.20251002.003.268 | Missing 74268. |
| TCD-SCSS-T.20251002.003.269 | Missing 74269. |
| TCD-SCSS-T.20251002.003.270 | Missing 74270. |
| TCD-SCSS-T.20251002.003.271 | Missing 74271. |
| TCD-SCSS-T.20251002.003.272 | Missing 74272. |
| TCD-SCSS-T.20251002.003.273 | 2 x SN74LS273N. |
| TCD-SCSS-T.20251002.003.274 | Missing 74274. |
| TCD-SCSS-T.20251002.003.275 | Missing 74275. |

| | |
|---|-------------------------|
| TCD-SCSS-T.20251002.003.276 | Missing 74276. |
| TCD-SCSS-T.20251002.003.277 | Missing 74277. |
| TCD-SCSS-T.20251002.003.278 | Missing 74278. |
| TCD-SCSS-T.20251002.003.279 | 2 x DM74LS279N. |
| TCD-SCSS-T.20251002.003.280 | Missing 74280. |
| TCD-SCSS-T.20251002.003.281 | Missing 74281. |
| TCD-SCSS-T.20251002.003.282 | Missing 74282. |
| TCD-SCSS-T.20251002.003.283 | Missing 74283. |
| TCD-SCSS-T.20251002.003.284 | Missing 74284. |
| TCD-SCSS-T.20251002.003.285 | Missing 74285. |
| TCD-SCSS-T.20251002.003.286 | Missing 74286. |
| TCD-SCSS-T.20251002.003.287 | Missing 74287. |
| TCD-SCSS-T.20251002.003.288 | 1 x SN74S288N. |
| TCD-SCSS-T.20251002.003.289 | Missing 74289. |
| TCD-SCSS-T.20251002.003.290 | Missing 74290. |
| TCD-SCSS-T.20251002.003.291 | Missing 74291. |
| TCD-SCSS-T.20251002.003.292 | Missing 74292. |
| TCD-SCSS-T.20251002.003.293 | Missing 74293. |
| TCD-SCSS-T.20251002.003.294 | Missing 74294. |
| TCD-SCSS-T.20251002.003.295 | Missing 74295. |
| TCD-SCSS-T.20251002.003.296 | Missing 74296. |
| TCD-SCSS-T.20251002.003.297 | Missing 74297. |
| TCD-SCSS-T.20251002.003.298 | 2 x Signetics 74LS298N. |
| TCD-SCSS-T.20251002.003.299 | Missing 74299. |
| | Missing 74300. |
| | Missing 74301. |
| | Missing 74302. |
| | Missing 74303. |
| | Missing 74304. |
| | Missing 74305. |
| | Missing 74306. |
| | Missing 74307. |
| | Missing 74308. |
| | Missing 74309. |
| | Missing 74310. |
| | Missing 74311. |
| | Missing 74312. |
| | Missing 74313. |
| | Missing 74314. |
| | Missing 74315. |
| | Missing 74316. |
| | Missing 74317. |
| | Missing 74318. |
| | Missing 74319. |
| | Missing 74320. |
| | Missing 74321. |
| | 1 x SN74LS322AN. |
| | Missing 74323. |
| | Missing 74324. |

| | |
|--|--|
| | Missing 74325. |
| | Missing 74326. |
| | Missing 74327. |
| | Missing 74328. |
| | Missing 74329. |
| | Missing 74330. |
| | Missing 74331. |
| | Missing 74332. |
| | Missing 74333. |
| | Missing 74334. |
| | Missing 74335. |
| | Missing 74336. |
| | Missing 74337. |
| | Missing 74338. |
| | Missing 74339. |
| | Missing 74340. |
| | Missing 74341. |
| | Missing 74342. |
| | Missing 74343. |
| | Missing 74344. |
| | Missing 74345. |
| | Missing 74346. |
| | Missing 74347. |
| | Missing 74348. |
| | Missing 74349. |
| | Missing 74350. |
| | Missing 74351. |
| | Missing 74352. |
| | Missing 74353. |
| | Missing 74354. |
| | Missing 74355. |
| | Missing 74356. |
| | Missing 74357. |
| | Missing 74358. |
| | Missing 74359. |
| | Missing 74360. |
| | Missing 74361. |
| | Missing 74362 (TIM9904) 4-phase clock generator. |
| | Missing 74363. |
| | Missing 74364. |
| | Missing 74365. |
| | Missing 74366. |
| | 1 x Signetics 74367AN and 1 x DM74367N. |
| | 1 x SN74LS368AN and RS 74LS368. |
| | Missing 74369. |
| | Missing 74370. |
| | Missing 74371. |
| | Missing 74372. |
| | 3 x Signetics 74F373N and 7 x F74ACT373N |

| | |
|--|--|
| | and 6 x IDT74HCT373P. |
| | 8 x SN74AS374N and 2 x RS 74F374 and 1 x F74F374PC and 16 x F74ACT374N and 4 x SN74S374N. |
| | Missing 74375. |
| | Missing 74376. |
| | Missing 74377. |
| | Missing 74378. |
| | Missing 74379. |
| | Missing 74380. |
| | Missing 74381. |
| | Missing 74382. |
| | Missing 74383. |
| | Missing 74384. |
| | Missing 74385. |
| | Missing 74386. |
| | Missing 74387. |
| | Missing 74388. |
| | Missing 74389. |
| | 4 x F74LS390PC and 2 x SN74LS390N. |
| | Missing 74391. |
| | Missing 74392. |
| | 14 x SN74LS393N and 2 x F74LS393PC. |
| | Missing 74394. |
| | Missing 74395. |
| | Missing 74396. |
| | Missing 74397. |
| | Missing 74398. |
| | Missing 74399. |
| | |
| | 1 x F74F524PC. |
| | 10 x SN74HC540N. |
| | 8 x SN74AS574N. |
| | 1 x Philips 74HC595N. |
| | |
| | 2 x T.I. SN74LS610N 4-to-12-bit memory address mapper. |
| | 4 x SN74LS622N. |
| | 6 x SN74LS668N. |
| | 3 x SN74LS670N. |
| | 1 x F74ACT708DC. |
| | |
| | 5 x Signetics N8T125N. |
| | |
| | 2 x MC1488P. |
| | 14 x SN75155P. |
| | 4 x 75189. |
| | |
| | 16 x CD4046BCN. |
| | 2 x HEF4046BP. |
| | 1 x HEF4528BP. |

Figure 1: 7400 front view

Figure 2: 7400 rear view.