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APPLICATION

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DISPLAY

Short Description:

- 1.77 inch, Tft Display Panel, Resolution 128*160
- 1. It is composed of a TFT LCD panel, driver IC, FPC and backlight or touch screen can be customized.
- 2. FPC, backlight or touch screen can be customized.
- 3. Sample lead time: 3-4 Weeks
- 4. Shipping terms: FCA HK
- 5. Service: OEM /ODM
- 6. TFT LCD Display size:0.96/1.28/1.44/1.54/1.77/2.0/2.3/2.4/2.7/3.5/4.3/5.0/5.7/6.2/7.0/7.8/8.8/10.1/12.1/14.0/15.4/17.0/19.1/21.5/24.0/26.8/29.5/32.0/34.8/37.5/40.3/43.0/45.8/48.5/51.2/54.0/56.8/59.5/62.3/65.0/67.8/70.5/73.2/75.9/78.6/81.3/84.0/86.7/89.4/92.1/94.8/97.5/100.2/102.9/105.6/108.3/111.0/113.7/116.4/119.1/121.8/124.5/127.2/130.9/133.6/136.3/139.0/141.7/144.4/147.1/149.8/152.5/155.2/157.9/160.6/163.3/166.0/168.7/171.4/174.1/176.8/179.5/182.2/184.9/187.6/190.3/193.0/195.7/198.4/201.1/203.8/206.5/209.2/211.9/214.6/217.3/220.0/222.7/225.4/228.1/230.8/233.5/236.2/238.9/241.6/244.3/247.0/249.7/252.4/255.1/257.8/260.5/263.2/265.9/268.6/271.3/274.0/276.7/279.4/282.1/284.8/287.5/290.2/292.9/295.6/298.3/301.0/303.7/306.4/309.1/311.8/314.5/317.2/320.0/322.7/325.4/328.1/330.8/333.5/336.2/338.9/341.6/344.3/347.0/349.7/352.4/355.1/357.8/360.5/363.2/365.9/368.6/371.3/374.0/376.7/379.4/382.1/384.8/387.5/390.2/392.9/395.6/398.3/401.0/403.7/406.4/409.1/411.8/414.5/417.2/420.0/422.7/425.4/428.1/430.8/433.5/436.2/438.9/441.6/444.3/447.0/449.7/452.4/455.1/457.8/460.5/463.2/465.9/468.6/471.3/474.0/476.7/479.4/482.1/484.8/487.5/490.2/492.9/495.6/498.3/501.0/503.7/506.4/509.1/511.8/514.5/517.2/520.0/522.7/525.4/528.1/530.8/533.5/536.2/538.9/541.6/544.3/547.0/549.7/552.4/555.1/557.8/560.5/563.2/565.9/568.6/571.3/574.0/576.7/579.4/582.1/584.8/587.5/590.2/592.9/595.6/598.3/601.0/603.7/606.4/609.1/611.8/614.5/617.2/620.0/622.7/625.4/628.1/630.8/633.5/636.2/638.9/641.6/644.3/647.0/649.7/652.4/655.1/657.8/660.5/663.2/665.9/668.6/671.3/674.0/676.7/679.4/682.1/684.8/687.5/690.2/692.9/695.6/698.3/701.0/703.7/706.4/709.1/711.8/714.5/717.2/720.0/722.7/725.4/728.1/730.8/733.5/736.2/738.9/741.6/744.3/747.0/749.7/752.4/755.1/757.8/760.5/763.2/765.9/768.6/771.3/774.0/776.7/779.4/782.1/784.8/787.5/790.2/792.9/795.6/798.3/801.0/803.7/806.4/809.1/811.8/814.5/817.2/820.0/822.7/825.4/828.1/830.8/833.5/836.2/838.9/841.6/844.3/847.0/849.7/852.4/855.1/857.8/860.5/863.2/865.9/868.6/871.3/874.0/876.7/879.4/882.1/884.8/887.5/890.2/892.9/895.6/898.3/901.0/903.7/906.4/909.1/911.8/914.5/917.2/920.0/922.7/925.4/928.1/930.8/933.5/936.2/938.9/941.6/944.3/947.0/949.7/952.4/955.1/957.8/960.5/963.2/965.9/968.6/971.3/974.0/976.7/979.4/982.1/984.8/987.5/990.2/992.9/995.6/998.3/1001.0/1003.7/1006.4/1009.1/1011.8/1014.5/1017.2/1020.0/1022.7/1025.4/1028.1/1030.8/1033.5/1036.2/1038.9/1041.6/1044.3/1047.0/1049.7/1052.4/1055.1/1057.8/1060.5/1063.2/1065.9/1068.6/1071.3/1074.0/1076.7/1079.4/1082.1/1084.8/1087.5/1090.2/1092.9/1095.6/1098.3/1101.0/1103.7/1106.4/1109.1/1111.8/1114.5/1117.2/1120.0/1122.7/1125.4/1128.1/1130.8/1133.5/1136.2/1138.9/1141.6/1144.3/1147.0/1149.7/1152.4/1155.1/1157.8/1160.5/1163.2/1165.9/1168.6/1171.3/1174.0/1176.7/1179.4/1182.1/1184.8/1187.5/1190.2/1192.9/1195.6/1198.3/1201.0/1203.7/1206.4/1209.1/1211.8/1214.5/1217.2/1220.0/1222.7/1225.4/1228.1/1230.8/1233.5/1236.2/1238.9/1241.6/1244.3/1247.0/1249.7/1252.4/1255.1/1257.8/1260.5/1263.2/1265.9/1268.6/1271.3/1274.0/1276.7/1279.4/1282.1/1284.8/1287.5/1290.2/1292.9/1295.6/1298.3/1301.0/1303.7/1306.4/1309.1/1311.8/1314.5/1317.2/1320.0/1322.7/1325.4/1328.1/1330.8/1333.5/1336.2/1338.9/1341.6/1344.3/1347.0/1349.7/1352.4/1355.1/1357.8/1360.5/1363.2/1365.9/1368.6/1371.3/1374.0/1376.7/1379.4/1382.1/1384.8/1387.5/1390.2/1392.9/1395.6/1398.3/1401.0/1403.7/1406.4/1409.1/1411.8/1414.5/1417.2/1420.0/1422.7/1425.4/1428.1/1430.8/1433.5/1436.2/1438.9/1441.6/1444.3/1447.0/1449.7/1452.4/1455.1/1457.8/1460.5/1463.2/1465.9/1468.6/1471.3/1474.0/1476.7/1479.4/1482.1/1484.8/1487.5/1490.2/1492.9/1495.6/1498.3/1501.0/1503.7/1506.4/1509.1/1511.8/1514.5/1517.2/1520.0/1522.7/1525.4/1528.1/1530.8/1533.5/1536.2/1538.9/1541.6/1544.3/1547.0/1549.7/1552.4/1555.1/1557.8/1560.5/1563.2/1565.9/1568.6/1571.3/1574.0/1576.7/1579.4/1582.1/1584.8/1587.5/1590.2/1592.9/1595.6/1598.3/1601.0/1603.7/1606.4/1609.1/1611.8/1614.5/1617.2/1620.0/1622.7/1625.4/1628.1/1630.8/1633.5/1636.2/1638.9/1641.6/1644.3/1647.0/1649.7/1652.4/1655.1/1657.8/1660.5/1663.2/1665.9/1668.6/1671.3/1674.0/1676.7/1679.4/1682.1/1684.8/1687.5/1690.2/1692.9/1695.6/1698.3/1701.0/1703.7/1706.4/1709.1/1711.8/1714.5/1717.2/1720.0/1722.7/1725.4/1728.1/1730.8/1733.5/1736.2/1738.9/1741.6/1744.3/1747.0/1749.7/1752.4/1755.1/1757.8/1760.5/1763.2/1765.9/1768.6/1771.3/1774.0/1776.7/1779.4/1782.1/1784.8/1787.5/1790.2/1792.9/1795.6/1798.3/1801.0/1803.7/1806.4/1809.1/1811.8/1814.5/1817.2/1820.0/1822.7/1825.4/1828.1/1830.8/1833.5/1836.2/1838.9/1841.6/1844.3/1847.0/1849.7/1852.4/1855.1/1857.8/1860.5/1863.2/1865.9/1868.6/1871.3/1874.0/1876.7/1879.4/1882.1/1884.8/1887.5/1890.2/1892.9/1895.6/1898.3/1901.0/1903.7/1906.4/1909.1/1911.8/1914.5/1917.2/1920.0/1922.7/1925.4/1928.1/1930.8/1933.5/1936.2/1938.9/1941.6/1944.3/1947.0/1949.7/1952.4/1955.1/1957.8/1960.5/1963.2/1965.9/1968.6/1971.3/1974.0/1976.7/1979.4/1982.1/1984.8/1987.5/1990.2/1992.9/1995.6/1998.3/2001.0/2003.7/2006.4/2009.1/2011.8/2014.5/2017.2/2020.0/2022.7/2025.4/2028.1/2030.8/2033.5/2036.2/2038.9/2041.6/2044.3/2047.0/2049.7/2052.4/2055.1/2057.8/2060.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3992.9/3995.6/3998.3/4001.0/4003.7/4006.4/4009.1/4011.8/4014.5/4017.2/4020.0/4022.7/4025.4/4028.1/4030.8/4033.5/4036.2/4038.9/4041.6/4044.3/4047.0/4049.7/4052.4/4055.1/4057.8/4060.5/4063.2/4065.9/4068.6/4071.3/4074.0/4076.7/4079.4/4082.1/4084.8/4087.5/4090.2/4092.9/4095.6/4098.3/4101.0/4103.7/4106.4/4109.1/4111.8/4114.5/4117.2/4120.0/4122.7/4125.4/4128.1/4130.8/4133.5/4136.2/4138.9/4141.6/4144.3/4147.0/4149.7/4152.4/4155.1/4157.8/4160.5/4163.2/4165.9/4168.6/4171.3/4174.0/4176.7/4179.4/4182.1/4184.8/4187.5/4190.2/4192.9/419



LCD type :	TFT-LCD / TN
Viewing Direction:	12:00
Outline Dimension	34.70(W)*46.70(H)*3.45(T)mm
Active Size:	28.03 (H) x 35.04(V)mm
Specification	ROHS REACH ISO
Operating Temp:	-20°C ~ +70°C
Storage Temp:	-30°C ~ +80°C
Touch Panel	with
IC Driver:	ST7735S
Application :	Wearable devices, Portable consumer electronics, IoT (Internet of Things) devices, Industrial equipment, Point-of-sale systems
Country of Origin :	China

Application

A 1.77 inch TFT display can be used in various applications, including:

1. Wearable devices: The small size of a 1.77 inch TFT display makes it ideal for smartwatches, fitness trackers, or other wearable devices that require a compact display. It can be used to display time, notifications, health data, or any other relevant information.

2. Portable consumer electronics: Small Tft Screen can be used in small portable devices like MP3 players, digital cameras, or handheld gaming consoles. It provides a compact visual interface for users to interact with the device and view content.

3. IoT (Internet of Things) devices: With the rise of IoT devices, a 1.77 inch TFT display can be used as a user interface for various smart home devices, such as thermostats, security systems, or home automation panels. It can display information, menus, or control options for users to interact with their connected devices.

4. Industrial equipment: In industrial settings, Small Tft Screen can be used for data loggers, testing equipment, or small control panels. It can provide a compact visual interface for operators to monitor and control industrial processes.

5. Point-of-sale systems: A 1.77 inch TFT display panel can be used in cash registers or small handheld POS devices. It can display product prices, order details, or payment information for retail transactions.

These are just a few examples of how a 1.77 inch TFT display can be applied in different industries and products. The compact size and versatility of TFT displays make them suitable for a wide range of applications.





1. Compact size: The 1.77" TFT display is small and compact, making it suitable for devices that require a small form factor. It can be easily integrated into various products without taking up much space.

2. Color reproduction: TFT displays offer excellent color reproduction, allowing for vibrant and realistic visuals. This is advantageous in applications that require accurate color representation, such as photo or video playback.

3. Energy-efficient: TFT displays are known to be energy-efficient, consuming less power compared to other display technologies. This can contribute to longer battery life in portable devices, making them more practical and convenient for users.

4. Fast response time: TFT displays have fast response times, resulting in smooth and blur-free visuals, especially when displaying moving or dynamic content. This is crucial for applications that involve fast-paced graphics or video playback.

5. Durability and robustness: TFT displays are designed to be durable and robust, with good resistance to shocks and vibrations. This makes them suitable for devices that may be subjected to rough handling or used in demanding environments.



Overall, the 1.77" TFT display offers a range of advantages such as compact size, high-resolution display, excellent color reproduction, wide viewing angles, energy efficiency, fast response time, and durability. These advantages make it a versatile option for various products and applications.



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- › Next: [3 Inch Tft Display, Small Tft Screen, Tft Ips Display](#)

