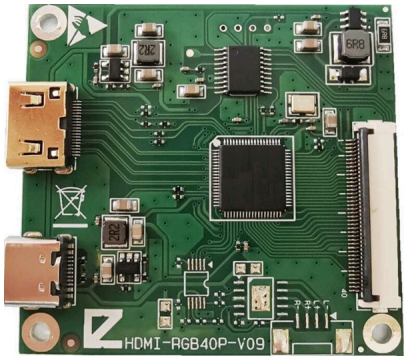
SMART DISPLAY MODULE

4.2" Smart Display

Display, controller board and touch in one module — talk to it over UART-TTL and skip the graphics design work.

CATALOG # **1A0140-01**



4.2"	—	300×400	UART
DIAGONAL	NITS	RESOLUTION	HOST LINK

KEY FEATURES

- Built-in controller — drive it with simple UART-TTL commands
- Screens, fonts and images stored on board (1GB flash)
- Shortens firmware and UI development time
- -20 to +70 °C operating range
- 5V/2A power input
- Custom UI, enclosure and cable options

SPECIFICATIONS

Size	**4.2"**
Resolution	**300 × 400**
Panel	**TN TFT LCD**
Host Interface	**UART-TTL**
Controller Board	**UART Board**
Touch	**Optional**
Flash Memory	**1GB(Support 128Mbit~2*1GB)**
Power Supply	**5V/2A**
Active Area	**63.60 × 84.80 mm**
Operating Temp.	**-20 ~ +70 °C**
Catalog Number	**1A0140-01**

APPLICATIONS Appliances · Smart home · Industrial controls · Instrumentation · EV chargers

Design it in with DCLTEK.

Samples, custom brightness, cover glass, touch tuning and cable assemblies, backed by US-based engineering and in-country factory oversight.

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