

# Square 240x240 1.54 Inch IPS TFT LCD Module

Product Name	Square 240x240 1.54 Inch IPS TFT LCD Module
Model	KWH0154DF03-F01
Type	1.54 Inch LCD Module
LCD Type	IPS
Resolution	240x240
Driver IC	ST7789H2
Color Depth	262K
Pixel Arrangement	RGB Stripe
Surface Treatment	Anti-Glare
Brightness	400cd/m2
Contrast Ratio	500:1
Outline Dimension	31.50x 35.00 x 2.30mm
Active Area	27.72x27.72mm
Viewing Direction	ALL
Interface	SPI, 24 Pin Connector
Backlight Supply (Current/Voltage)	45mA 3.0V
Backlight	3 White LED In parallel
Display Mode	Transmissive, TN
Operating Temperature	-20°C~70°C

KWH0154DF03-F01 is a color active matrix LCD module incorporating amorphous silicon TFT (Thin Film Transistor). It

is composed of a color Square IPS TFT-LCD panel, driver IC, FPC and a back light unit. The module display area contains 240x240 pixels and can display up to 262K colors.

### 1.1. Features

- 240 x 240 pixels resolution.
- Display in 262K colors.
- Square LCD Display
- IPS LCD Type
- SPI Interface
- RoHS Compliance

