

Product Change Notification

Issue Date: July 30, 2020

Product Name: AFL3-W07A-BT

Status: Running change

This notice is to inform you of implement on next production to the AFL3-W07A-BT series.

Reason for Change

1. Upgrade LAN chipset form RTL8111E to RTL8111HN-CG
2. Upgrade 7" LCD Panel
3. Change adapter from FSP036-RBBN2 to FSP036-RHBN3 and update certified
4. Enhance AFL3 series PWM power function

Description of Change

1. Change the Gigabit Ethernet IC from RTL8111E-VB-GR to RTL8111HN-CG.

Remarks: The REALTEK-RTL8111HN-CG does not support Alert Standard Format (ASF). (ASF is a standard developed by the Pre-OS Working Group under DMTF. It can facilitate network management and remote control.)

2. Upgrade 7" LCD Panel

Current model ZJ070NA-01P			New model NJ070NA-23A		
No.	Item	Specification	No.	Item	Specification
1	LCD size	7.0 inch(Diagonal)	1	LCD size	7.0 inch(Diagonal)
2	Driver element	a-Si TFT active matrix	2	Driver element	a-Si TFT active matrix
3	Resolution	1024 × 3(RGB) × 600	3	Resolution	1024 × 3(RGB) × 600
4	Display mode	Normally White, Transmissive	4	Display mode	Normally White, Transmissive
5	Dot pitch	0.05(W) × 0.15(H) mm	5	Pixel size	0.1505(W) × 0.1432(H) mm
6	Active area	153.6(W) × 90.0(H) mm	6	Active area	154.2144(W) × 85.92(H) mm
7	Module size	165.75 (W) × 105.35(H) × 4.8(D) mm	7	Module size	104.9(W) × 100(H) × 4.8(D) mm
8	Surface treatment	Glare	8	Surface treatment	Hard Coating
9	Color arrangement	RGB-stripe	9	Color arrangement	RGB-stripe
10	Interface	Digital	10	Interface	LVDS
11	View direction(Gray Inversion)	6 O'Clock	11	View direction(Gray Inversion)	6 O'Clock
12	Backlight power consumption	3.564W (Typ.)	12	Backlight power consumption	2.82 W (Typ.)
13	Panel power consumption	0.35W (Typ.)	13	Panel power consumption	0.4 W (Typ.)
14	Weight	TBD(Typ.)	14	Weight	140g (Typ.)
			15	Source Driver IC	NT51006QH-D/3EA
			16	Gate Driver IC	NT52003BH-D/3EB

3. Change adapter from FSP036-RBBN2 to FSP036-RHBN3 and update certified

4. Change Step-Down Power Management IC from INFINEON IR3899MTRPBF Step-Down PWM IC to Texas Instruments (TI) TPS56C215RNNR Step-Down PWM IC.

Affected Model

Affected Model	New Version
AFL3-W07A-BT-N1/PC/2G-R13	AFL3-W07A-BT-N1/PC/2G-R20
AFL3-W07A-BT-N1/PC/2G/MF-R13	AFL3-W07A-BT-N1/PC/2G/MF-R20

Affected by This Change

g Specifications c Dimensions c Appearance c Package
g Certification c Label c BIOS c Driver

For more details please refer to the latest datasheet or visit <http://www.ieiworld.com>.

*Best Regards,
Fly Lai
Project Manager
IEI Integration Corp.*