

Products Change Notificaton

Date: 2018-11-29

Document number: RVD002-34

REVNO.	REVDATE	CONTENTS	REMARKS
1.0	2018-11-29	First Release	

Riverdi notification:

Riverdi Sp. z o. o. announces the PCN for 3,5" TFT modules combined with capacitive touch screen (listed below). This situation is caused by CTP IC driver EOL.

Affected P/Ns and their substitutes:

Item	Current P/Ns	New P/Ns	Note
1	RVT3.5A320240TNWC00	RVT3.5A320240TNWC00 V2	Different CTP IC controller
2	RVT3.5A320240TFWC00	RVT3.5A320240TFWC00 V2	Different CTP IC controller
3	RVT3.5A320240CNWC36	RVT3.5A320240CNWC36 V2	Different CTP IC controller
4	RVT3.5A320240CFWC36	RVT3.5A320240CFWC36 V2	Different CTP IC controller
5	RVT3.5B320240CNWC81	RVT3.5B320240CNWC81 V2	Different CTP IC controller
6	RVT3.5B320240CFWC81	RVT3.5B320240CFWC81 V2	Different CTP IC controller

Riverdi accepts initial orders for samples of modules with the new CTP IC Driver till the 21st of December 2018. At the same time, it will collect information about demand for module with old IC driver till 21st of December 2018 in order to verify 6-month product availability.

Modules with the new CTP IC driver will replace the old modules in accordance of FIFO policy (Till our stock of raw material will be empty).

New datasheets will be published on demand and after actual introducing new module.

Riverdi will provide new modules marked with "V2" at the end of P/N.

Detailed change description:

All modules will be fully compatible concerning the interface connection, electrical and mechanical parameters. RGB module had change in pinout specified in table below. Intelligent module will remain unchanged because control over CTP is done by FT801 internally.

The table below describes the difference in detail between the modules.

Example comparison between old and new modules		
Parameter	Old value	New value
CTP Driver IC	FT5206	FT5346
TP OD	The same	
FFC shape and position	The same	
Power supply	The same	
Resolution	The same	
Cover Glass	The same	
CTP contact position	The same	
Report rate	≥100Hz	≥120 Hz
Difference in Pinout	Pin 8 - WAKE	Pin 8 - NC
I/O interface	Interchangeable. In the new module WAKE signal operation is incorporated in RESET.	