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VAT-No 6040163846

Products Change Notification
Date: 2018-04-23
Document number: RVD002-33

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REVNO.	REVDATE	CONTENTS	REMARKS
1.0.0	2018-04-19	First Release	
1.1.0	2018-04-23	Removed annotation about FFC shape change. Correction in date for sample order. Added EVE module statement.	

Riverdi notification:

Riverdi Sp. z o. o. announces the PCN for 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	RVT50UQFNWC0x	RVT50UQFNWC0x V2	Different CTP IC controller
2	RVT50UQTNWC0x	RVT50UQTNWC0x V2	Different CTP IC controller
3	RVT50AQFFWC00	RVT50AQFFWC00 V2	Different CTP IC controller
4	RVT50AQFNWC00	RVT50AQFNWC00 V2	Different CTP IC controller
5	RVT50AQTFWC00	RVT50AQTFWC00 V2	Different CTP IC controller
6	RVT50AQTNWC00	RVT50AQTNWC00 V2	Different CTP IC controller

Riverdi accepts initial orders for samples of modules with the new CTP IC Driver till the 9th of May 2018. At the same time, it will collect information about demand for module with old IC driver till 9th of May 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.

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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 FT813 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	FT5306	FT5446
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	Single 100Hz, Multi 80Hz	Single 120Hz, Multi 100Hz
Noise detection	SW	HW
Difference in Pinout	Pin 8 - WAKE	Pin 8 - NC
I/O interface	Interchangeable. In the new module WAKE signal operation is incorporated in RESET.	