

Products Change Notificaton

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REVNO.	REVDATE	CONTENTS	REMARKS
1.0.0	2018-04-06	First Release	

Riverdi notification:

Riverdi Sp. z o. o. announces the PCN for 4.3" 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	RVT4.3A480272TNWC00 V2	RVT4.3A480272TNWC00 V3	Different CTP IC controller
2	RVT4.3A480272TFWC00 V2	RVT4.3A480272TFWC00 V3	Different CTP IC controller
3	RVT4.3A480272CNWC36 V2	RVT4.3A480272CNWC36 V3	Different CTP IC controller
4	RVT4.3A480272CFWC36 V2	RVT4.3A480272CFWC36 V3	Different CTP IC controller
5	RVT4.3B480272CNWC81 V2	RVT4.3B480272CNWC81 V3	Different CTP IC controller
6	RVT4.3B480272CFWC81 V2	RVT4.3B480272CFWC81 V3	Different CTP IC controller
7	RVT43ULTNWC0x V2	RVT43ULTNWC0x V3	Different CTP IC controller
8	RVT43ULFNWC0x V2	RVT43ULFNWC0x V3	Different CTP IC controller
9	RVT43ULSNWC0x V2	RVT43ULSNWC0x V3	Different CTP IC controller

Riverdi accepts initial orders for samples of modules with the new CTP IC Driver till the 25th of April 2018. At the same time, it will collect information about demand for module with old IC driver till 25th of April 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).

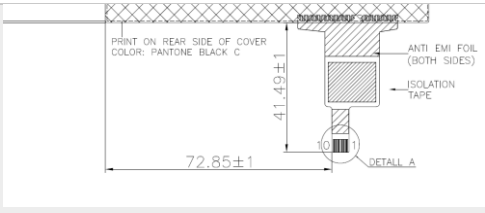
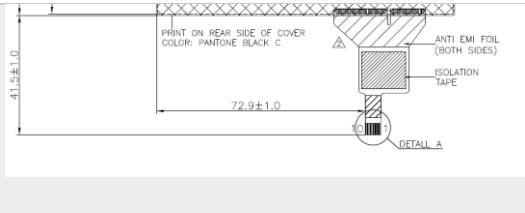
New datasheets will be published on demand and after actual introducing new module.

Riverdi will provide new modules marked with "V3" at the end of P/N.

Detailed change description:

All modules will be fully compatible concerning the interface connection and electrical parameters. Despite the change to FPC shape position of 10 pin CTP connector remain the same.

The table below describes the difference in detail between the modules. FFC shape was modified in order to improve durability of the FFC.

Example comparison between old and new modules		
Parameter	Old value	New value
CTP Driver IC	FT5306	FT5446
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
FFC shape		
Difference in Pinout	Pin 8 - WAKE	Pin 8 - NC
I/O interface	Interchangeable. In the new module WAKE signal operation is incorporated in RESET.	