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S1210116A

## TSC-40 / IC and TSC-50 / IC Specification comparison table

DMC Co., Ltd

### Hardware spec

Items	TSC-40/IC	TSC-50/IC
Packages	LQFP32 pin	LQFP48 pin
Dimension	9.0 x 9.0 mm	
Operating Temperature	-20 to 85°C	-40 to 105°C
Storage Temperature	-40 to 125°C	-55 to 150°C
Communication Method	Asynchronous Serial	Asynchronous Serial USB2.0 Full Speed
EEP-ROM	Need external EEP-ROM	Built in IC

### Electrical spec

Items	TSC-40/IC	TSC-50/IC
Power-supply voltage	3.3 - 5.5V	2.5 - 5.5V
Oscillation frequency	6MHz	16MHz

### Software spec

Items	TSC-40/IC	TSC-50/IC
Command	Compatible (Not Changed)	
Compatible touch panel	Compatible with 4-wire and 5-wire systems (Not Changed)	
Resolution	10bit (1024 x 1024) (Not Changed)	

\*DMC's driver software can be used without any modification

### Detailed information

 TSC-40/IC [https://www.dmccoltd.com/files/controller/tsc40ic\\_e.pdf](https://www.dmccoltd.com/files/controller/tsc40ic_e.pdf)

 TSC-50/IC [https://www.dmccoltd.com/files/controller/tsc5x/tsc50ic\\_e\\_v3.2.pdf](https://www.dmccoltd.com/files/controller/tsc5x/tsc50ic_e_v3.2.pdf)