

TDS Rear Interface Comparison

Feature	TDS200	TDS300	TDS400A	TDS510A	TDS520C	TDS620C	TDS724C	TDS640A	TDS540C TDS580C	TDS644B TDS684C	TDS754C TDS784C	TDS820	TLS216
A Trigger out	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
B Trigger out	N/A	N/A	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes
Ext. Trigger in	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Channel 3 out	No	No	No	Yes	Aux 1	Aux 1	Aux 1	Yes	Yes	Yes	Yes	No	No
GPIO Interface	TDS2CM, TDS2MM	Option 14	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
RS-232 Interface	TDS2CM, TDS2MM	Option 14 full talk/listen	Option 13 hardcopy only	Option 13 hardcopy only	Option 13 hardcopy only	Option 13 hardcopy only	Standard hardcopy only	Option 13 hardcopy only	Option 13 hardcopy only	Standard hardcopy only	Standard hardcopy only	Option 13 hardcopy only	Standard hardcopy only
Centronics Interface	TDS2CM, TDS2M, TDS2HM	Option 14	Option 13 hardcopy only	Option 13 hardcopy only	Option 13 hardcopy only	Option 13 hardcopy only	Standard hardcopy only	Option 13 hardcopy only	Option 13 hardcopy only	Standard hardcopy only	Standard hardcopy only	Option 13 hardcopy only	Standard hardcopy only
Analog VGA out	No	Yes, 9-pin	Yes, 15-pin	Yes, 15-pin	Yes, 15-pin	Yes, 15-pin	Yes, 15-pin (Color)	Yes, 15-pin	Yes, 15-pin	Yes, 15-pin (Color)	Yes, 15-pin (Color)	No	Yes, 15-pin (Color)
Test Signal out	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Ext. Clock in	No	No	Yes	No	No	No	No	No	No	No	No	Trigger	No
Clock out	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Printer-pack power	No	Option 14	Option 13	No	No	No	No	No	No	No	No	No	No
Floppy disk	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Hard disk	No	No	No	No	Option HD or 2M	No	Option HD or 2M	No	Option HD or 2M	No	Option HD or 2M	No	No
Advanced Math	TDS2MM for FFT	FFT standard	Option XL	Option 2F	Option 2F	Option 2F	Standard	Option 2F	Option 2F	Standard	Standard	Option 2F	No
TV trigger	TV Field standard	TV Field standard	TV Line & Field standard	Option 05 TVHDTV Broadcast Standards	Option 05 TVHDTV Broadcast Standards	Option 05 TVHDTV Broadcast Standards	Option 05 TVHDTV Broadcast Standards	Option 05 TVHDTV Broadcast Standards	Option 05 TVHDTV Broadcast Standards	Option 05 TVHDTV Broadcast Standards	Option 05 TVHDTV Broadcast Standards	No	No
Memory options	No	No	1M	No	1M, 2M	No	1M, 2M	No	1M, 2M	No	1M, 2M	No	No
Probe interface	BNC	BNC Tek Type 1	Limited TEK-PROBE	TEK-PROBE	TEK-PROBE	TEK-PROBE	TEK-PROBE	TEK-PROBE	TEK-PROBE	TEK-PROBE	TEK-PROBE	SMA	P6240 or adapter
Input Z	1 Meg	1 Meg	1M/50 Ω	1M/50 Ω	1M/50 Ω	1M/50 Ω	1M/50 Ω	1M/50 Ω	1M/50 Ω	1M/50 Ω	1M/50 Ω	50 Ω	75 Ω