FBs-7SG2

Specification		FBs-7SG2
Display mode	Decoding display	4 bits to represent a character. It can display 16 kinds of pre-decoded character including 0 ~ 9, -, E, H, c, t and blank
	Non-decoding display	Each segment controlled by 1 individual bit, one 7 segment digits needs 8 bits to control (including decimal), displayable any set of segments (EX: character and number display) or each LED display
Display number of character (points)		2 channels, 7 segment 16 words/ 16 segment 8 words or 128 points individual LED
Refresh time for display		10mS max.
LED driving specification	Driving current	40mA / segment
	Display method	1~8 duty multiplexing display
	Driving voltage — Low voltage	5VDC (can be 10% up)
	Driving voltage — High voltage	7.5V, 10V, 12.5V selectable (can be 10% up)
	Fine tune of voltage drop	0.6V, 1.2V, 1.8V selectable
Over voltage driving indication		Each channel has individual Over Voltage (O.V.) driving LED indication (should be under Test Mode)
Isolation method		Transformer (power) and photocouple (signal) isolation, 500VAC, 1 minute
Power consumption		24VDC–15%/+20%, static consumption is 2W max., dynamic current is increased according to display
Wiring mechanism		16 pins flat cable, 2.54mm header connector