



FBS-7SG1

Specification			FBS-7SG1
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)			1 channel, 7 segment 8 words / 16 segment 4 words or 64 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)
		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