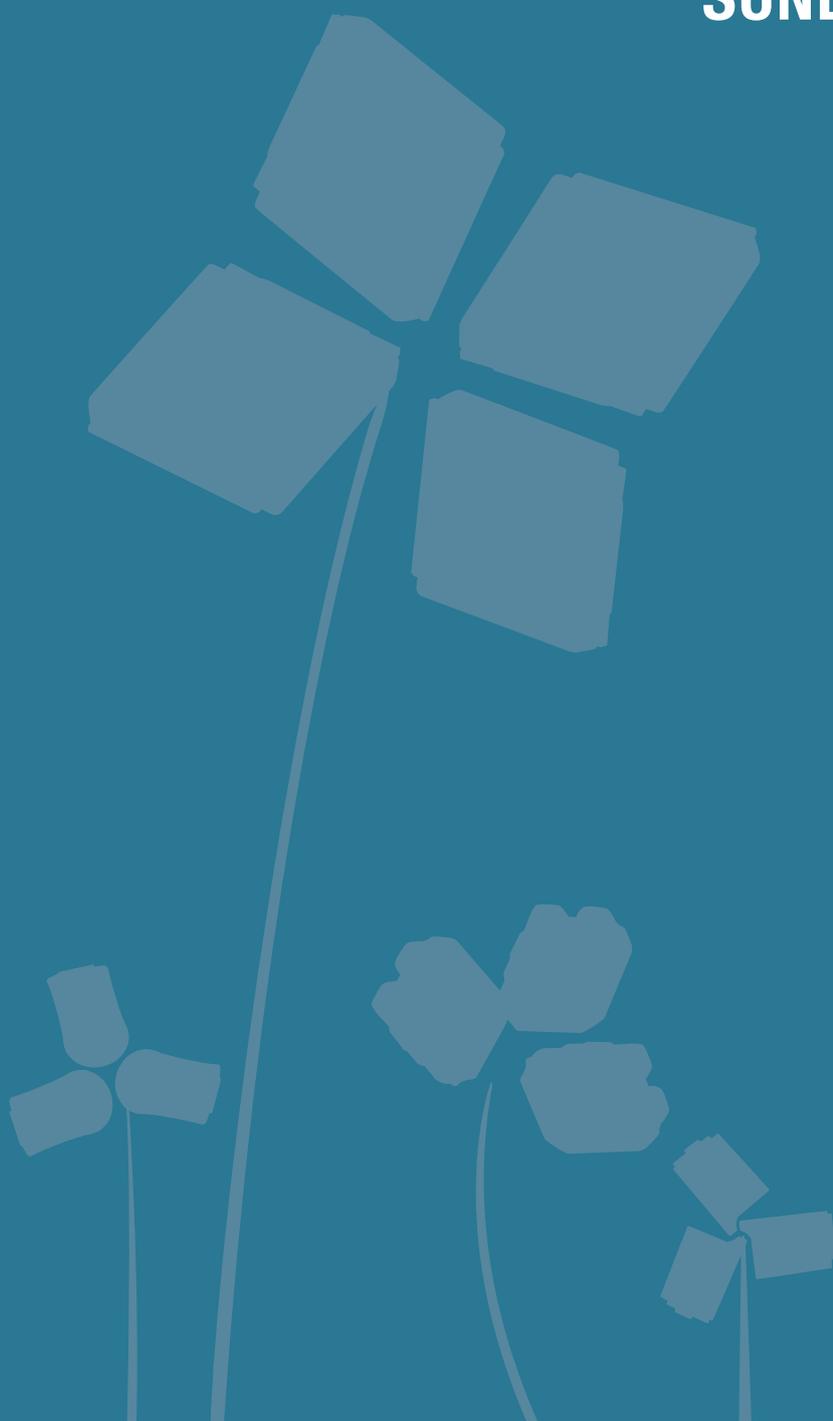


# TFT-DISPLAYS – SUNLIGHT READABLE



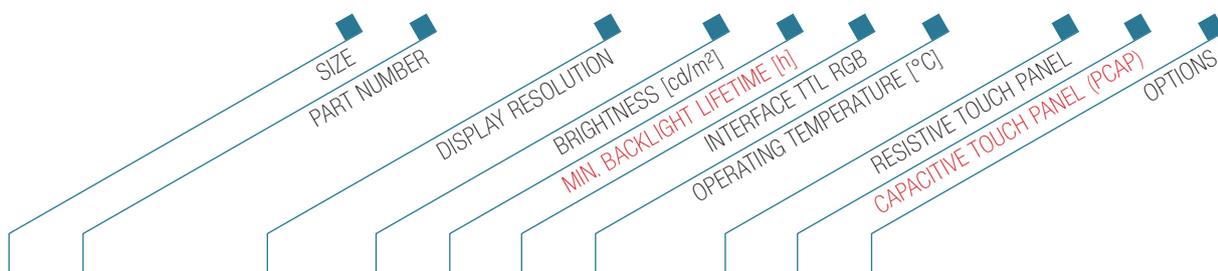
## TFT-DISPLAYS – SUNLIGHT READABLE



**Solomon Goldetek Display (SGD)** started up more than 20 years ago as a subsidiary of the Taiwan semiconductor group Solomon Technology Corporation. SGD specialises in extremely high-quality TFT modules in the range 3.5 to 12.1 inches which are particularly suitable for industrial applications. A further strength of SGD are sunlight readable TFT modules in the range 3.5 to 12.1 inches. The displays have a high bright backlight up to 1,500 cd/m<sup>2</sup>. Furthermore, an additional Low-Reflection Polarizer can be assembled, which reduces the reflection rate significantly.

### Overview of the advantages of Solomon Goldetek Display (SGD) TFT modules:

- » Modules available in high bright and super high bright versions
- » Minimum backlight lifetime of up to 50,000 hours
- » Extended operating temperature range -30°C ... +85°C
- » **5-year operational guarantee on workmanship and interface**

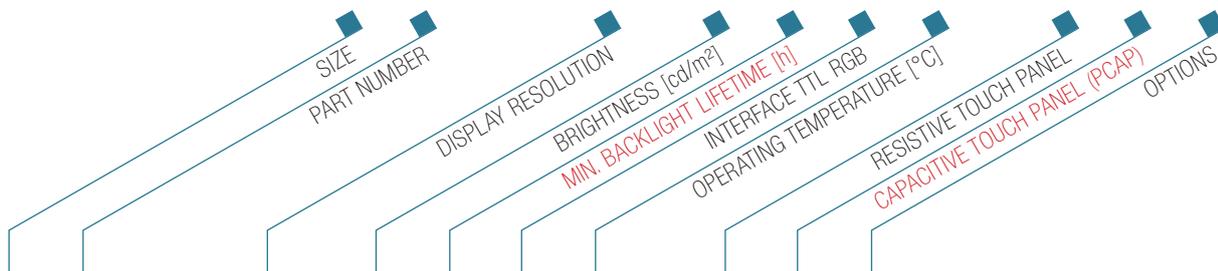


### TFT-DISPLAYS – SUNLIGHT READABLE 3.5" - 4.3"

SIZE	PART NUMBER	DISPLAY RESOLUTION	BRIGHTNESS [cd/m <sup>2</sup> ]	MIN. BACKLIGHT LIFETIME [h]	INTERFACE TTL RGB	OPERATING TEMPERATURE [°C]	RESISTIVE TOUCH PANEL	CAPACITIVE TOUCH PANEL (PCAP)	OPTIONS
3.5"	GVTQ35SNAD1E0	320 x 240	800	50 k	•	-20 ... +70			CPU Interface, O-Film (All-View)
3.5"	GVTQ35SPAD2R0	320 x 240	640	50 k	•	-20 ... +70	•		CPU Interface, O-Film (All-View)
3.5"	GVTQ35SCAD1C0	320 x 240	700	50 k	•	-20 ... +70		•	CPU Interface, O-Film (All-View)
3.5"	GVTQ35TNAD1E0	320 x 240	800	50 k	•	-30 ... +85			
3.5"	GVTQ35TPAD2R0	320 x 240	640	50 k	•	-30 ... +85	•		
3.5"	GVTQ35T	320 x 240	700	50 k	•	-30 ... +85		•	
4.3"	GKCY43SNAH2E0	480 x 272	1.000	50 k	•	-20 ... +70			CPU Interface, O-Film (All-View)
4.3"	GKCY43SPA1R0	480 x 272	800	50 k	•	-20 ... +70	•		CPU Interface, O-Film (All-View)
4.3"	GKCY43SCAH2C0	480 x 272	880	50 k	•	-20 ... +70		•	CPU Interface, O-Film (All-View)
4.3"	GVCY43TNAH2E0	480 x 272	1.000	50 k	•	-30 ... +85			
4.3"	GVCY43TPA1R0	480 x 272	800	50 k	•	-30 ... +85	•		
4.3"	GVCY43T	480 x 272	880	50 k	•	-30 ... +85		•	



## TFT-DISPLAYS – SUNLIGHT READABLE



### TFT-DISPLAYS – SUNLIGHT READABLE 5.0" - 12.1"

5.0"	GVTW50SNAL3E0	800 x 480	700	50 k	•	-20 ... +70			LVDS Interface, O-Film (All-View)
5.0"	GVTW50SPBC3R0	800 x 480	600	50 k	•	-20 ... +70	•		LVDS Interface, O-Film (All-View)
5.0"	GVTW50SCAL3C0	800 x 480	600	50 k	•	-20 ... +70		•	LVDS Interface, O-Film (All-View)
5.0"	GVTW50T	800 x 480	700	50 k	•	-30 ... +85			LVDS Interface
5.0"	GVTW50T	800 x 480	600	50 k	•	-30 ... +85	•		LVDS Interface
5.0"	GVTW50T	800 x 480	600	50 k	•	-30 ... +85		•	LVDS Interface
5.7"	GVTV57SNAF1E0	640 x 480	900	30 k*	•	-20 ... +70			LVDS Interface, O-Film (All-View)
5.7"	GVTV57SPAF2R0	640 x 480	700	30 k*	•	-20 ... +70	•		LVDS Interface, O-Film (All-View)
5.7"	GVTV57SCAF1C0	640 x 480	800	30 k*	•	-20 ... +70		•	LVDS Interface, O-Film (All-View)
5.7"	GVTV57TNAF1E0	640 x 480	900	50 k	•	-30 ... +80			LVDS Interface
5.7"	GVTV57TPAF2R0	640 x 480	700	50 k	•	-30 ... +80	•		LVDS Interface
5.7"	GVTV57T	640 x 480	800	50 k	•	-30 ... +80		•	LVDS Interface
7.0"	GVTW70SNAG1E0	800 x 480	1.000	40 k	•	-20 ... +70			LVDS Interface, O-Film (All-View)
7.0"	GVTW70SPAH1R0	800 x 480	800	40 k	•	-20 ... +70	•		LVDS Interface, O-Film (All-View)
7.0"	GVTW70SCAG1C0	800 x 480	880	40 k	•	-20 ... +70		•	LVDS Interface, O-Film (All-View)
7.0"	GVTW70TNAG1E0	800 x 480	1.000	40 k	•	-30 ... +85			LVDS Interface
7.0"	GVTW70TPAH1R0	800 x 480	800	40 k	•	-30 ... +85	•		LVDS Interface
7.0"	GVTW70T	800 x 480	880	40 k	•	-30 ... +85		•	LVDS Interface
8.0"	GKNS80SNAJ1E0	800 x 600	1.300	50 k	•	-20 ... +70			LVDS Interface, O-Film (All-View)
8.0"	GVNS80SPCG1R0	800 x 600	1.000	50 k	•	-20 ... +70	•		LVDS Interface, O-Film (All-View)
8.0"	GVNS80S	800 x 600	1.100	50 k	•	-20 ... +70		•	LVDS Interface, O-Film (All-View)
10.4"	GVTSA4TNBL4E0	800 x 600	1.500	50 k	LVDS	-20 ... +70			O-Film (All-View)
10.4"	GVTSA4TPBL5R0	800 x 600	1.200	50 k	LVDS	-20 ... +70	•		O-Film (All-View)
10.4"	GVTSA4T	800 x 600	1.200	50 k	LVDS	-20 ... +70		•	O-Film (All-View)
12.1"	GKVG1MNDK2A0	1280 x 800	1.300	30 k	LVDS	-20 ... +70			
12.1"	GKVG1M	1280 x 800	1.000	30 k	LVDS	-20 ... +70	•		
12.1"	GKVG1MDDK2A0	1280 x 800	1.000	30 k	LVDS	-20 ... +70		•	

\* 50 k available for a purchase quantity of 1,000 pieces.

Reserve technical changes!

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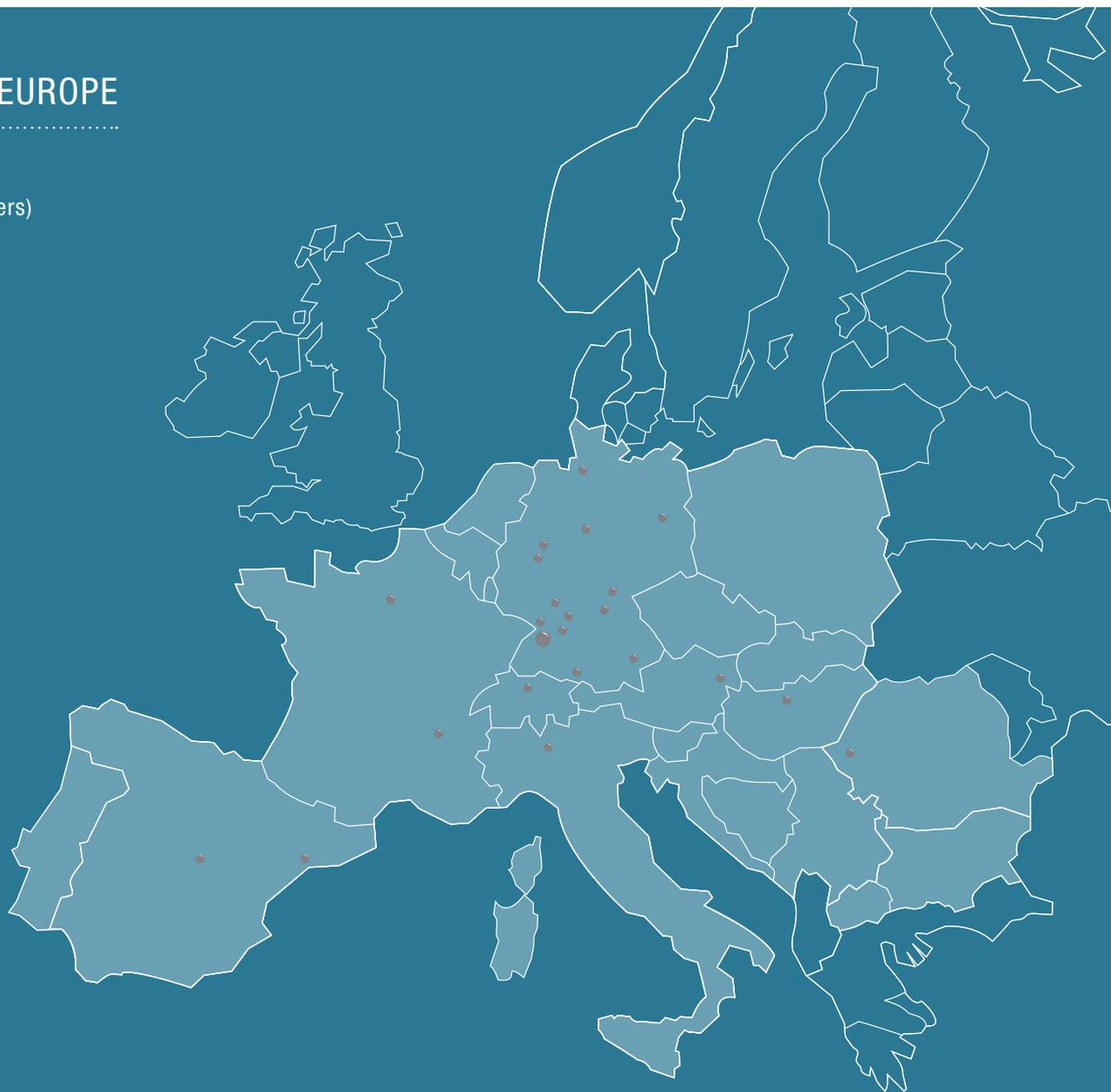
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