



TFS-STAR

Distribution | Systemlösungen | Engineering

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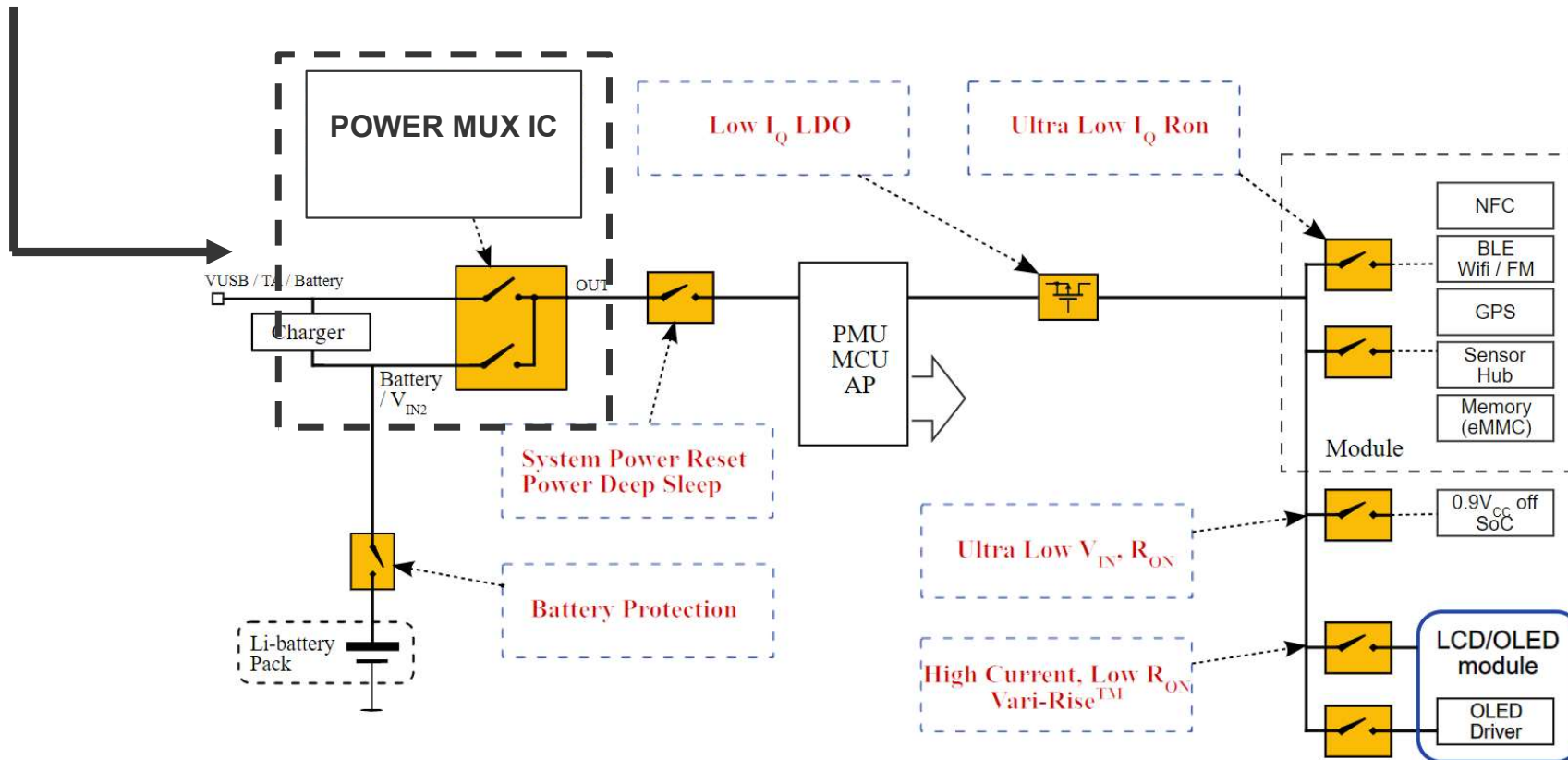
Power Components



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Power MUX IC

IQ Smart™ Power Multiplexer - Seamless transition between two input sources



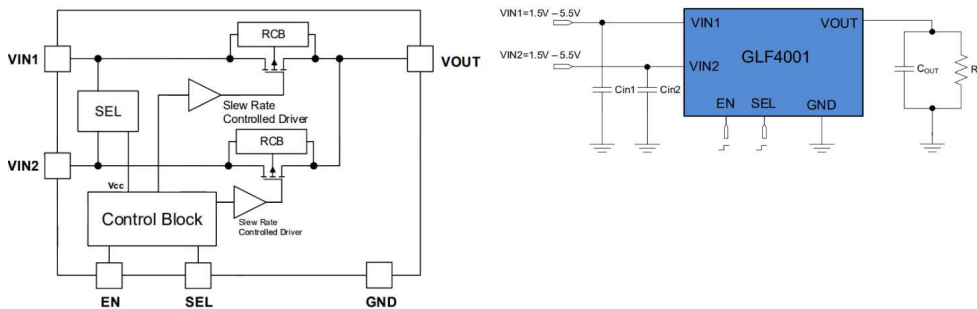


Power MUX IC

IQ Smart™ Power Multiplexer -Seamless transition between two input sources

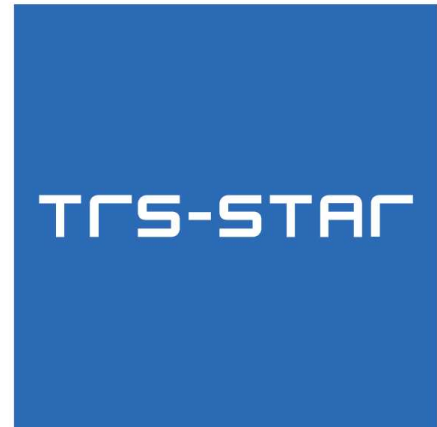
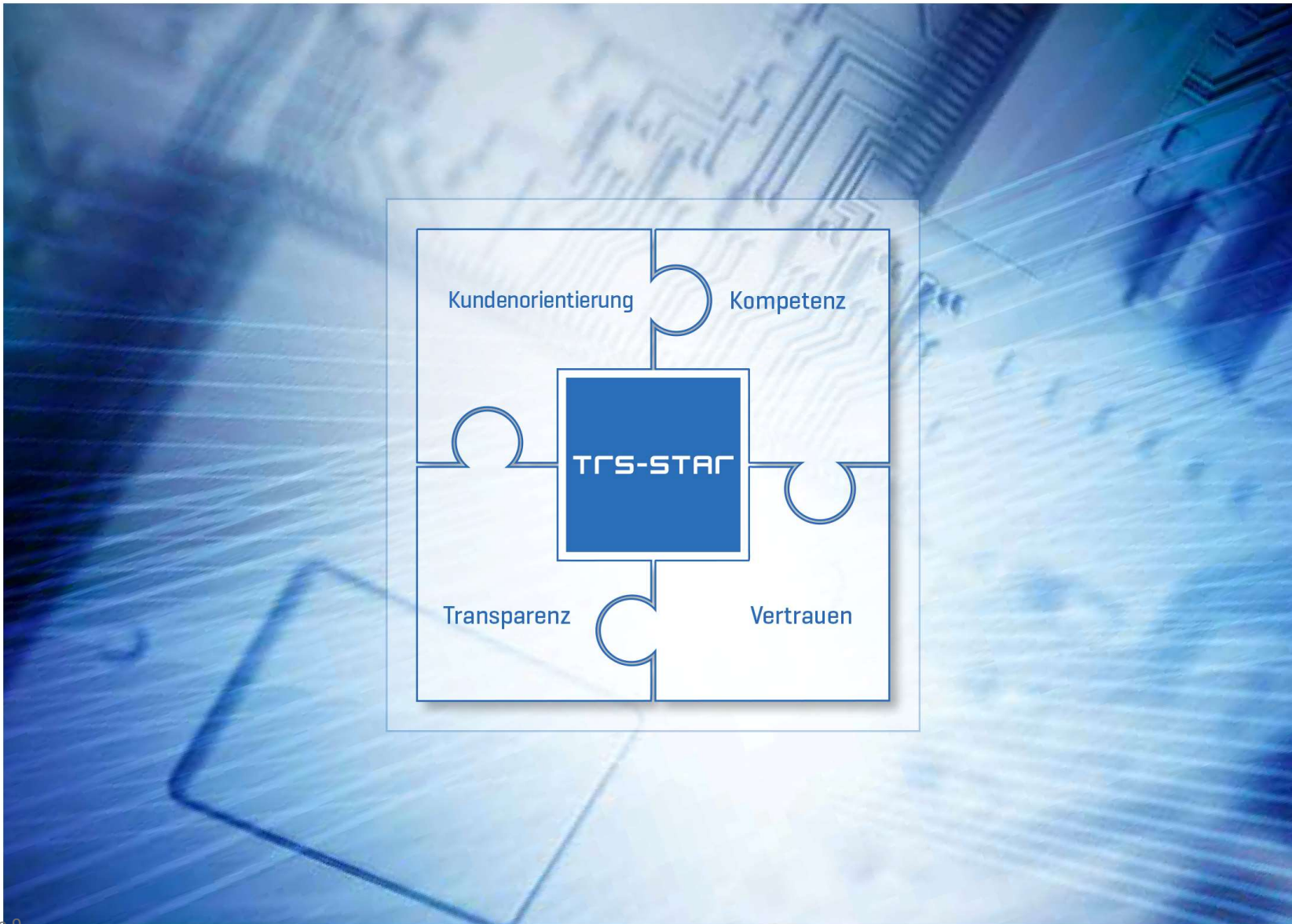
Product Type	Product Name	V _{IN} Min. Voltage [V]	V _{IN} Max. Voltage [V]	I _{OUT} Rating [A]	R _{ON} Typ. @ V _{IN} Max [mΩ]	I _o Typ. @ V _{IN} Max [uA]	I _{SD} Typ. @ V _{IN} Max [nA]	Slew Rate Control	Rise Time t _r Typ. [us]	V _{IN} Auto Select	V _{IN} Manual Selection	Output Discharge [Ω]	Reverse Current Blocking	Operating Temperature [°C]	Package Type
Power Mux	GLF74520	1.5	5.5	2.5	35	4	20	✓	350	✓	✓	NA	✓**	- 40 ~ 85	CSP 0.97 x 1.47 x 0.55
	GLF74130			4.5	20	4	50	✓	790	✓	✓	NA	✓**		CSP 1.27 x 1.67 x 0.55
	GLF4001	2.0	5.5	2	68	4	20	✓	350	✓	✓	NA	✓**		SOT23-6L
	GLF74139			4.5	20	4	30	✓	1 ms	✓	✓	NA	✓		CSP 1.27 x 1.67 x 0.55
	GLF74138	2.0	5.5	4.5	20	4	30	✓	573	✓	✓	NA	✓**		CSP 1.27 x 1.67 x 0.55
	GLF4002	1.5	4.5	2	Channel1: 22 mΩ Channel2: 41 mΩ	1	400	✓	1.2 ms	✓	✓	NA	✓		CSP 1.27 x 1.27 x 0.55
	GLF4020	2.5	6.5	2	92	4	6	✓	448	✓	✓	NA	✓**		SOT23-6L
	GLF4028	2.5	5.5	2	97 @ 5.5 V 105 @ 4.5 V	3	5	✓	340	✓	✓	NA	✓**		SOT23-6L

** Reverse Current Blocking Protection When Disabled



- Ultra-Low current consumption
- Ultra-Low Operation current
- Ultra-Low Standby
- 2 Power Rails Input → 1 Power Rail Output
- Automatic and / or manual input selection mode (Power Source Auto Selection)
- No external control components required
- Fixed slew rate control
- No cross conduction between channels

Evalboards available on request



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www.trs-star.com

Hauptsitz Stutensee

Werner-von-Siemens-Str. 1
D-76297 Stutensee
T +49 7249 95222-0
Info@trs-star.com

Niederlassung Frankenthal

Schraderstraße 44
D-67227 Frankenthal
T +49 6233 347-0
Info@trs-star.com