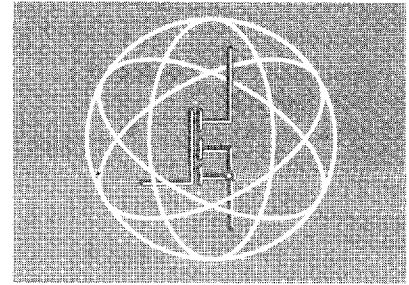
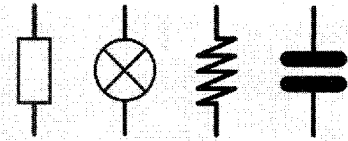


# Smart Power Switches

## One Channel Low Side Switches

# 1 Channel



### TEMPFET®

(Smart SIPMOS® Technology)

#### Feature

- Overload protection
- Short circuit protection with external circuitry
- Thermal shutdown
- Status feedback (single) with external resistor at input

#### N-Kanal-Anreicherungstypen

#### N-Channel Enhancement Types

Typ Type	$V_{DS(max)}$ V	$R_{DS(on)max}$ mΩ	$I_{D-ISO}$ A	$I_{D-MOS(max)}$ A	Bestellnummer Ordering Code	Gehäuse Package	Bild Figure
BTS 114A	50	100	3.8	17	C67078-S5000-A2	P-TO220-3-1	21a
BTS 114A-E3045A	50	100	3.8	17	C67078-S5000-A11	P-TO220-3-45	22
BTS 130	50	50	7.5	27	C67078-A5001-A3	P-TO220-3-1	21a
BTS 130-E3045A	50	50	7.5	27	on request	P-TO220-3-45	22
BTS 140A	50	28	13.5	42	C67078-S5011-A2	P-TO220-3-1	21a
BTS 140A-E3045A	50	28	13.5	42	Q67078-A5011-A3	P-TO220-3-45	22
BTS 240A	50	18	21	58	C67078-S5100-A3	P-TO218-3-1	19a
BTS 112A	60	150	2.5	12	C67078-S5014-A3	P-TO220-3-1	21a
BTS 112A-E3045A	60	150	2.5	12	C67078-S5014-A5	P-TO220-3-45	22
BTS 129	60	50	7.5	27	C67078-A5013-A2	P-TO220-3-1	21a
BTS 129-E3045A	60	50	7.5	27	C67078-A5013-A6	P-TO220-3-45	22
BTS 110	100	200	1.75	10	C67078-A5008-A2	P-TO220-3-1	21a
BTS 110-E3045A	100	200	1.75	10	on request	P-TO220-3-45	22
BTS 120	100	100	3.5	19	C67078-A5009-A2	P-TO220-3-1	21a
BTS 120-E3045A	100	100	3.5	19	on request	P-TO220-3-45	22

#### Logic-Level-Anreicherungstypen (N-Kanal)

#### Logic Level Enhancement Types (N-channel)

Typ Type	$V_{DS(max)}$ V	$R_{DS(on)max}$ mΩ	$I_{D-ISO}$ A	$I_{D-MOS(max)}$ A	Bestellnummer Ordering Code	Gehäuse Package	Bild Figure
BTS 115A	50	120	3.2	15.5	C67078-S5004-A2	P-TO220-3-1	21a
BTS 115A-E3045A	50	120	3.2	15.5	C67078-S5004-A12	P-TO220-3-45	22
BTS 131	50	60	6.5	25	C67078-A5002-A4	P-TO220-3-1	21a
BTS 131-E3045A	50	60	6.5	25	C67078-A5002-A8	P-TO220-3-45	22
BTS 113A	60	170	2.2	11.5	C67078-S5015-A3	P-TO220-3-1	21a
BTS 113A-E3045A	60	170	2.2	11.5	C67078-S5015-A4	P-TO220-3-45	22
BTS 132	60	65	6	24	C67078-A5003-A4	P-TO220-3-1	21a
BTS 132-E3045A	60	65	6	24	C67078-A5003-A9	P-TO220-3-45	22
BTS 121A	100	100	3.5	22	C67078-S5010-A2	P-TO220-3-1	21a
BTS 121A-E3045A	100	100	3.5	22	C67078-S5010-A7	P-TO220-3-45	22