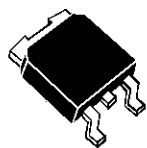
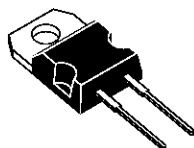


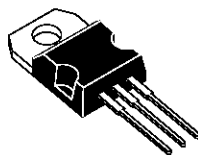
SCHOTTKY RECTIFIERS



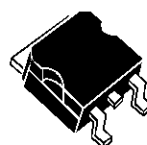
DPAK



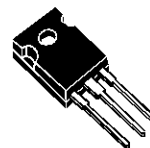
TO220AC



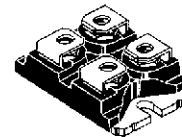
TO220AB



D2PAK



TO247



ISOTOP™

LOW VF SCHOTTKY RECTIFIERS

T_J (max) =150°C (except for 10 & 15V)						
Device	I_o (A)	V_{RRM} (V)	V_F @ I_o Max (V)	I_R @ V_{RRM} Max (mA)	I_{FSM} (A)	Package
STPS5L25B	5	25	0.35	175	80	DPAK
STPS15L10G	15	10	0.33	420	310	D2PAK
STPS15L25G	25	25	0.35	640	200	
* STPS20L15G	15	15	0.36	550	310	
* STPS10L40CG	2x5	40	0.46	50	150	D2PAK (Dual diode)
STPS20L25CG	2x10	25	0.35	400	200	
STPS15L10D	15	10	0.33	420	310	TO220AC
STPS10L25D	10	25	0.35	250	180	
STPS15L25D	15	25	0.35	640	200	
* STPS20L15D	20	25	0.36	670	310	
* STPS10L40CT	2x5	40	0.46	50	150	TO220AB
* STPS16L40CT	2x8	40	0.50	-	-	
STPS20L25CT	2x10	25	0.35	400	200	
* STPS20L40CT	2x10	40	0.50	-	-	
* STPS30L40CT	2x15	40	0.50	75	220	
* STPS20L40CW	2x10	40	0.50	-	-	TO247
* STPS30L40CW	2x15	40	0.50	75	220	
* STPS40L15CW	2x20	15	0.36	670	310	
* STPS40L40CW	2x20	40	0.49	-	-	
* STPS60L40CW	2x30	40	0.50	-	-	
* STPS80L10TV	2x40	10	0.33	1100	700	ISOTOP

I_R and V_F measured per diode at $T_J = 125^\circ\text{C}$ except for 10V and 15V series measured at $T_J = 100^\circ\text{C}$

*: New product

*: 2500V isolation ; UL recognized file # E81734.



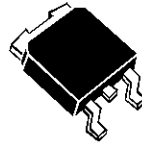
SOT223



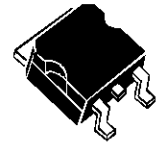
SMB



SMC



DPAK



D2PAK

SURFACE MOUNT SCHOTTKY RECTIFIERS

 $T_J \text{ (max)} = 150^\circ\text{C}$

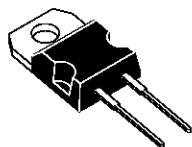
Device	I_o (A)	V_{RRM} (V)	$V_F @ I_o$ Max (V)	$I_R @ V_{RRM}$ Max (mA)	I_{FSM} (A)	Package
STPS125U	1	25	0.46 (1)	2 (1)	45	SMB
STPS140U	1	40	0.50	2	60	
STPS160U	1	60	0.57	4	75	
STPS1100U	1	100	0.85	5	75	
STPS240CE	2x1	40	0.55	10	10	SOT223
STPS260CE	2x1	60	0.65	8	10	
STPS340U	3	40	0.57	10	75	SMB
STPS340S	3	40	0.57	10	75	SMC
STPS340B	3	40	0.57	10	75	DPAK
STPS360B	3	60	0.59	10	50	
STPS3100B	3	100	0.59	10	50	
STPS5L25B	5	25	0.35	175	80	
STPS1045B	10	45	0.57	15	180	
STPS640CB	2x3	40	0.57	10	75	DPAK (Dual diode)
STPS660CB	2x3	60	0.59	10	50	
STPS6100CB	2x3	100	0.59	10	50	
STPS15L10G	15	10	0.33	420	310	D2PAK
STPS15L25G	15	25	0.35	640	200	
♦ STPS20L15G	20	15	0.36	670	310	
STPS3045G	30	45	0.63	80	400	
♦ STPS10L40CG	2x5	40	0.46	35	150	D2PAK (Dual diode)
STPS1545CG	2x7.5	45	0.57	15	150	
STPS20L25CG	2x10	25	0.35	400	200	
STPS2045CG	2x10	45	0.57	15	180	
STPS20100CG	2x10	100	0.70	100	200	
♦ STPS30L40CG	2x15	40	0.50	75	220	
STPS3045CG	2x15	45	0.57	40	220	

I_R and V_F measured per diode at $T_J = 125^\circ\text{C}$ except for 10V and 15V series measured at $T_J = 100^\circ\text{C}$

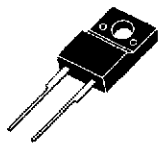
(1) : V_F and I_R measured at $T_J = 100^\circ\text{C}$.

♦ : New product

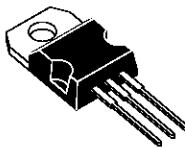
SCHOTTKY RECTIFIERS



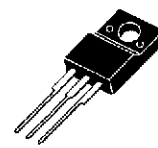
TO220AC



ISOWATT220AC



TO220AB



ISOWATT220AB

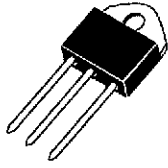
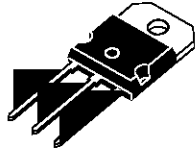
TO220 TYPE SCHOTTKY RECTIFIERS

T_J (max) =150°C (except for 10V & 15V)						
Device	I_o (A)	V_{RRM} (V)	V_F @ I_o Max (V)	I_R @ V_{RRM} Max (mA)	I_{FSM} (A)	Package
STPS745D	7	45	0.57	15	150	TO220AC
STPS1045D	10	45	0.57	15	180	
STPS15L10D	15	10	0.33	420	310	
STPS10L25D	10	25	0.35	250	180	
STPS15L25D	15	25	0.35	640	200	
STPS1545D	15	45	0.57	40	220	
♦ STPS20L15D	20	15	0.36	550	310	
* STPS745F	7	45	0.57	15	150	ISOWATT220AC
* STPS1045F	10	45	0.57	15	180	
* STPS1545F	15	45	0.57	40	220	
STPS640CT	2x3	40	0.57	10	75	TO220AB
♦ STPS10L40CT	2x5	40	0.46	35	150	
STPS1545CT	2x7.5	45	0.57	15	150	
STPS20L25CT	2x10	25	0.35	400	200	
♦ STPS20L40CT	2x10	40	0.50	-	-	
STPS2045CT	2x10	45	0.57	15	180	
STPS2060CT	2x10	60	0.67	33	200	
STPS20100CT	2x10	100	0.70	100	200	
♦ STPS30L40CT	2x15	40	0.50	75	220	
STPS3045CT	2x15	45	0.57	40	220	
* STPS640CF	2x3	40	0.57	10	75	ISOWATT220AB
* STPS1545CF	2x7.5	45	0.57	15	150	
* STPS2045CF	2x10	45	0.57	15	180	

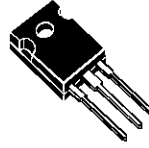
I_R and V_F measured per diode at $T_J = 125^\circ\text{C}$ except for 10V and 15V series measured at $T_J = 100^\circ\text{C}$

♦ : New product

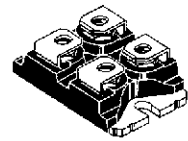
* : 2500V isolation ; UL recognized file # E81734.


 TOP3
 (Isolated)


TO218AC



TO247



ISOTOP™

TO218, TOP3 AND ISOTOP™ TYPE SCHOTTKY RECTIFIERS

$T_J (\text{max}) = 150^\circ\text{C}$ (except for 10V & 15V)						
Device	I_o (A)	V_{RRM} (V)	$V_F @ I_o$ Max (V)	$I_R @ V_{RRM}$ Max (mA)	I_{FSM} (A)	Package
* STPS3045CPI	2x15	45	0.57	40	220	TOP3
STPS3045CP	2x15	45	0.57	40	220	TO218AC
STPS4045CP	2x20	45	0.63	40	220	
STPS6045CP	2x30	45	0.63	80	400	
♦ STPS20L40CW	2x15	40	0.50	-	-	TO247
♦ STPS30L40CW	2x15	40	0.50	75	220	
STPS3045CW	2x15	45	0.57	40	220	
STPS3060CW	2x20	60	0.65	25	200	
♦ STPS4040CW	2x20	40	0.52	-	-	
STPS4045CW	2x20	45	0.63	40	220	
♦ STPS40L15CW	2x20	15	0.36	670	400	
♦ STPS40L40CW	2x20	40	0.49	550	310	
♦ STPS60L40CW	2x30	40	0.50	-	-	
STPS6054CW	2x30	45	0.63	80	-	
* STPS80L10TV	2x40	10	0.33	1100	700	ISOTOP
* STPS80100TV	2x40	100	0.80	70	700	
* STPS120L10TV	2x60	10	0.31	2200	1200	
* STPS12045TV	2x60	45	0.67	150	700	
* STPS16045TV	2x80	45	0.69	150	900	
* STPS24045TV	2x120	45	0.67	1500	1500	

I_R and V_F measured per diode at $T_J = 125^\circ\text{C}$ except for 10V, 15V and 100V series measured at $T_J = 100^\circ\text{C}$

♦ : New product

* : 2500V isolation ; UL recognized file # E81734.