

Ultrafast Recovery

Type number	Package version	Package name	number of diodes	IF(AV) [max]	IO(AV) [max]	Tj [max]	VRRM [max]	VF [typ] @ Tj = 150 °C	@ IF	trr [typ] @ VR = 400 V, Tj = 25 °C	trr [typ] @ IF = 1 A, VR = 30 V
BYV430J-600P	TO3PF	TO3PF	2	30	60	175	600	1.25	30		
BYV415J-600P	TO3PF	TO3PF	2	15	30	175	600	1.1	15		38
BYV30JT-600P	TO3PF	TO3PF	1	30		175	600	0.96	30		37
BYV5ED-600P	TO252N	DPAK	1	5		175	600		5		38
BYV40W-600P	TO247-2L	TO247-2L	1	40		175	600	0.97	40		52
BYV30B-600P	TO-263	D2PAK	1	30		175	600	0.98	30		42
BYV29FD-600	TO-252	DPAK	1	9		150	600	1.25	8		17.5
BYR5D-1200P	TO-252	DPAK	1	5		175	1200	1.55	5		50
BYV30W-600P	TO-247	SOD142	1	30		175	600	0.98	30		42
BYV410X-600P	TO-220F	SOT186A	2	10	20	175	600	1.35	10		30
BYV30X-600P	TO-220F	SOD113A	1	30		175	600	0.98	30		42
BYV29X-600P	TO-220F	TO-220F	1	9		175	600	0.9	8		40
BYV29-600P	TO-220AB	TO-220AB	1	9		175	600	0.9	8		40
BYV44-500	SOT78	TO-220AB	2		30	150	500	0.95	15		50
BYV42E-200	SOT78	TO-220AB	2		30	150	200	0.78	15		20
BYV42E-150	SOT78	TO-220AB	2		30	150	150	0.78	15		20
BYV410-600	SOT78	TO-220AB	2		20	150	600	1.3	10		20
BYV34-600	SOT78	TO-220AB	2		20	150	600	0.92	10		50
BYV34-500	SOT78	TO-220AB	2		20	150	500	0.87	10		50
BYV34-400	SOT78	TO-220AB	2		20	150	400	0.87	10		50
BYV32E-200P	SOT78	TO-220AB	2	10	20	175	200	0.76	8		18
BYV32E-200	SOT78	TO-220AB	2		20	150	200	0.72	8		20
BYV32E-150	SOT78	TO-220AB	2		20	150	150	0.72	8		20
BYV32E-100	SOT78	TO-220AB	2		20	150	100	0.72	8		20
BYT28-500	SOT78	TO-220AB	2		10	150	500	0.95	5		50
BYT28-300	SOT78	TO-220AB	2		10	150	300	0.95	5		50

Type number	Package version	Package name	number of diodes	IF(AV) [max]	IO(AV) [max]	Tj [max]	VRRM [max]	VF [typ] @ Tj = 150 °C	@ IF	trr [typ] @ VR = 400 V, Tj = 25 °C	trr [typ] @ IF = 1 A, VR = 30 V
BYQ42E-200	SOT78	TO-220AB	2	15	30	150	200	0.78	15		18
BYQ30E-200	SOT78	TO-220AB	2		16	150	200	0.84	8		20
BYQ28E-200E	SOT78	TO-220AB	2		10	150	200	0.8	5		15
BYQ28E-200	SOT78	TO-220AB	2		10	150	200	0.8	5		15
BYV74W-400	SOT429	TO-247	2	15	30	150	400	0.95	15		35
BYV72EW-200	SOT429	TO-247	2	15	30	150	200	0.78	15		20
BYV430W-300P	SOT429	TO-247	2	30	60	175	300	0.85	30		
BYV415W-600P	SOT429	TO-247	2	15	30	175	600	1.1	15		25
BYQ72EW-200	SOT429	TO-247	2	15	30	150	200	0.78	15		18
BYW29ED-200	SOT428	DPAK	1	8		150	200	0.8	8		20
BYV29D-600P	SOT428	DPAK	1	9		175	600	0.9	8		40
BYV25FD-600	SOT428	DPAK	1	5		150	600	1.1	5		17.5
BYV25D-600	SOT428	DPAK	1	5		150	600				40
BYV10ED-600P	SOT428	DPAK	1	10		175	600		10		35
BYQ28ED-200PL	SOT428	TO252	2		10	150	200	0.8	5		15
BYQ28ED-200	SOT428	DPAK	2		10	150	200	0.8	5		15
BYV42EB-200	SOT404	D2PAK	2		30	150	200	0.78	15		20
BYV32EB-200P	SOT404	TO263	2		20	175	200	0.85	8		18
BYV32EB-200	SOT404	D2PAK	2		20	150	200	0.72	8		20
BYV29FB-600	SOT404	D2PAK	1	9		150	600	1.25	8		17.5
BYV29B-600P	SOT404	D2PAK	1	9		175	600	0.9	8		40
BYV29B-600	SOT404	D2PAK	1	9		150	600	0.97	8		50
BYV29B-500	SOT404	D2PAK	1	9		150	500	0.9	8		50
BYV25FB-600	SOT404	D2PAK	1	5		150	600	1.1	5		17.5
BYT79B-600P	SOT404	TO263	1	15		175	600				50
BYV42G-200	SOT226A	I2PAK	2		30	150	200	0.78	15		20
BYV32G-200	SOT226A	I2PAK	2		20	150	200	0.72	8		20
BYV29G-600	SOT226A	I2PAK	1	9		150	600	0.97	8		50

Type number	Package version	Package name	number of diodes	IF(AV) [max]	IO(AV) [max]	Tj [max]	VRRM [max]	VF [typ] @ Tj = 150 °C	@ IF	trr [typ] @ VR = 400 V, Tj = 25 °C	trr [typ] @ IF = 1 A, VR = 30 V
BYV25G-600	SOT226A	I2PAK	1	5		150	600				50
BYV34G-600	SOT226	I2PAK	2		20	150	600	0.92	10		50
BYV40E-150	SOT223	SC-73	2		1.5	150	150	0.5	0.5		10
BYV410X-600	SOT186A	TO-220F	2		20	150	600	1.3	10		20
BYV34X-600	SOT186A	TO-220F	2		20	150	600	0.92	10		50
BYT28X-500	SOT186A	TO-220F	2		10	150	500		5		
BYQ28X-200E	SOT186A	TO-220F	2		10	150	200	0.95	5		15
BYQ28X-200	SOT186A	TO-220F	2		10	150	200	0.8	5		15
BYV430K-300P	SOT1259	TO3P	2	30	60	175	300	0.85	30		
BYV415K-600P	SOT1259	TO3P	2	15	30	175	600	1.1	15		25
BYQ72EK-200	SOT1259	TO3P	2	15	30	150	200	0.78	15		18
BYW29E-200	SOD59	TO-220AC	1	8		150	200	0.8	8		20
BYW29E-150	SOD59	TO-220AC	1	8		150	150	0.8	8		20
BYW29E-100	SOD59	TO-220AC	1	8		150	100	0.8	8		20
BYV79E-200	SOD59	TO-220AC	1	14		150	200	0.83	14		20
BYV29F-600	SOD59	TO-220AC	1	9		150	600	1.25	8		17.5
BYV29-600	SOD59	TO-220AC	1	9		150	600	0.97	8		50
BYV29-500	SOD59	TO-220AC	1	9		150	500	0.9	8		50
BYV29-400	SOD59	TO-220AC	1	9		150	400	0.9	8		50
BYV25F-600	SOD59	TO-220AC	1	5		150	600	1.1	5		17.5
BYV10-600P	SOD59	TO-220AC	1	10		175	600		10		20; 35
BYT79-600	SOD59	TO-220AC	1	15		150	600	1	15		50
BYT79-500	SOD59	TO-220AC	1	14		150	500	0.9	15		50
BYR29-800	SOD59	TO-220AC	1	8		150	800	1.07	8		60
BYR29-600	SOD59	TO-220AC	1	8		150	600	1.07	8		60
BYV60W-600PS	SOD142	TO-247	1	60		175	600	1.2	60	53	53
BYV60W-600P	SOD142	TO-247	1	60		175	600	1.2	60		53
BYR16W-1200	SOD142	TO-247	1	16		150	1200				40; 50

Type number	Package version	Package name	number of diodes	IF(AV) [max]	IO(AV) [max]	Tj [max]	VRRM [max]	VF [typ] @ Tj = 150 °C	@ IF	trr [typ] @ VR = 400 V, Tj = 25 °C	trr [typ] @ IF = 1 A, VR = 30 V
BYW29EX-200	SOD113	TO-220F	1	8		150	200	0.8	8		20
BYV29X-600	SOD113	TO-220F	1	9		150	600	0.97	8		50
BYV29X-500	SOD113	TO-220F	1	9		150	500	0.9	8		50
BYV29FX-600	SOD113	TO-220F	1	9		150	600	1.25	8		17.5
BYV25X-600	SOD113	TO-220F	1	5		150	600	0.97	5		50
BYV25FX-600	SOD113	TO-220F	1	5		150	600	1.1	5		17.5
BYV10X-600P	SOD113	TO-220F	1	10		175	600		10		20; 35
BYV10EX-600P	SOD113	TO-220F	1	10		175	600		10		35
BYT79X-600P	SOD113	TO-220F		15		175	600	0.96	15		50
BYT79X-600	SOD113	TO-220F	1	15		150	600	1.01	15		50
BYR29X-800P	SOD113	TO-220F	1	8		175	800	1.2	8		40
BYR29X-800	SOD113	TO-220F	1	8		150	800	1.07	8		60
BYR29X-600	SOD113	TO-220F	1	8		150	600	1.07	8		60
MUR560	SMC	SMC	1	5		175	600	0.9	5		45
MURS360B	SMB	SMB	1	3		175	600	0.88	3		50
BYV29G-600P	I2PAK	TO-262	1	9		175	600	0.9	8		40