

GENESIC SEMICONDUCTOR Rectifiers



RoHS Compliant This product is RoHS compliant.

Diodes & Rectifiers

Genesic Semiconductor

SILICON RECTIFIERS (CONT.)



RoHS Compliant

Fast Recovery Rectifiers (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Genesic Part No	Package	VRRM (V)	Io@Tj (A)	Tj (°C)	IF SM (A)	IR@25°C (µA)	IR@Tj (µA)	Vf@25°C (V)	Trr (ns)	Price Each			
											1	25	100	250
905-FR30GR02	FR30GR02	DO-5	400	30	100	300	25	12	1.4	200	7.40	7.22	6.48	5.74
905-FR40G02	FR40G02	DO-5	400	40	100	500	25	12	1.4	200	7.40	7.22	6.48	5.74
905-FR40GR02	FR40GR02	DO-5	400	40	100	500	25	12	1.4	200	7.40	7.22	6.48	5.74
905-FR70G02	FR70G02	DO-5	400	70	100	870	25	12	1.4	200	7.40	7.22	6.48	5.74
905-FR70GR02	FR70GR02	DO-5	400	70	100	870	25	12	1.4	200	7.40	7.22	6.48	5.74
905-FR85G02	FR85G02	DO-5	400	85	100	1369	25	12	1.4	200	7.40	7.22	6.48	5.74
905-FR85GR02	FR85GR02	DO-5	400	85	100	1369	25	12	1.4	200	7.40	7.22	6.48	5.74



RoHS Compliant

Super Fast Recovery Rectifiers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Genesic Part No	Package	VRRM (V)	Io@Tj (A)	Tj (°C)	IF SM (A)	IR@25°C (µA)	IR@Tj (µA)	Vf@25°C (V)	Price Each			
										1	25	100	250
905-MUR2510	MUR2510	DO-4	100	25	145	500	10	3	1	3.80	3.71	3.33	2.95
905-MUR2510R	MUR2510R	DO-4	100	25	145	500	10	3	1	3.80	3.71	3.33	2.95
905-MUR5010	MUR5010	DO-5	100	50	125	600	10	3	1	7.80	7.61	6.83	6.05
905-MUR5010R	MUR5010R	DO-5	100	50	125	600	10	3	1	7.80	7.61	6.83	6.05
905-MUR20020CTR	MUR20020CTR	Twin Tower	200	200	140	800	25	3	1.3	80.00	78.00	70.00	62.00
905-MUR20040CT	MUR20040CT	Twin Tower	400	200	140	800	25	3	1.5	80.00	78.00	70.00	62.00
905-MUR20040CTR	MUR20040CTR	Twin Tower	400	200	140	800	25	3	1.5	80.00	78.00	70.00	62.00
905-MURT40040	MURT40040	Twin Tower	400	400	125	3300	25	3	1.35	116.00	113.10	101.50	89.90
905-MURT40040R	MURT40040R	Twin Tower	400	400	125	3300	25	3	1.35	116.00	113.10	101.50	89.90



RoHS Compliant

Silicon Schottky Rectifiers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	VRRM (V)	Io@Tj (A)	Tj (°C)	IF SM (A)	Vf @ 25°C (V)	Price Each			
Mfr.	Mfr. Part No.							1	25	100	250
905	—MBRH12040	D-67	40	120	125	2000	0.75	36.00	35.10	31.50	27.90
905	—MBRH12040R	D-67	40	120	125	2000	0.75	36.00	35.10	31.50	27.90
905	—MBRH20045	D-67	45	200	125	3000	0.75	40.00	39.00	35.00	31.00
905	—MBRH20045R	D-67	45	200	125	3000	0.75	40.00	39.00	35.00	31.00
905	—MBR20035CT	Twin Tower	35	200	125	1500	0.75	62.00	60.45	54.25	48.05
905	—MBR20035CTR	Twin Tower	35	200	125	1500	0.75	62.00	60.45	54.25	48.05
905	—MBR20040CT	Twin Tower	40	200	125	1500	0.75	62.00	60.45	54.25	48.05
905	—MBR20040CTR	Twin Tower	40	200	125	1500	0.75	62.00	60.45	54.25	48.05
905	—MBR20045CT	Twin Tower	45	200	125	1500	0.75	62.00	60.45	54.25	48.05
905	—MBR20045CTR	Twin Tower	45	200	125	1500	0.75	62.00	60.45	54.25	48.05
905	—MBR20060CT	Twin Tower	60	200	125	1500	0.8	62.00	60.45	54.25	48.05
905	—MBR20060CTR	Twin Tower	60	200	125	1500	0.8	62.00	60.45	54.25	48.05
905	—FST16060	TO-249AB	60	160	125	1200	0.8	64.00	62.40	56.00	49.60
905	—FST16080	TO-249AB	80	160	125	1200	0.88	64.00	62.40	56.00	49.60
905	—MBR30030CT	Twin Tower	30	300	100	2500	0.75	66.00	64.35	57.75	51.15
905	—MBR30030CTR	Twin Tower	30	300	100	2500	0.75	66.00	64.35	57.75	51.15
905	—MBR30040CT	Twin Tower	35	300	100	2500	0.75	66.00	64.35	57.75	51.15
905	—MBR30040CTR	Twin Tower	35	300	100	2500	0.75	66.00	64.35	57.75	51.15
905	—MBR30045CT	Twin Tower	45	300	100	2500	0.75	66.00	64.35	57.75	51.15
905	—MBR30045CTR	Twin Tower	45	300	100	2500	0.75	66.00	64.35	57.75	51.15
905	—MBR30060CT	Twin Tower	60	300	100	2500	0.8	66.00	64.35	57.75	51.15
905	—MBR30060CTR	Twin Tower	60	300	100	2500	0.8	66.00	64.35	57.75	51.15
905	—MBRT20045	Three Tower	45	200	125	1500	0.75	68.00	66.30	59.50	52.70
905	—MBRT20045R	Three Tower	45	200	125	1500	0.75	68.00	66.30	59.50	52.70
905	—MBRT20060	Three Tower	60	200	125	1500	0.8	68.00	66.30	59.50	52.70
905	—MBRT20060R	Three Tower	60	200	125	1500	0.8	68.00	66.30	59.50	52.70
905	—MBR40035CT	Twin Tower	35	400	100	3000	0.75	76.00	74.10	66.50	58.90
905	—MBR40035CTR	Twin Tower	35	400	100	3000	0.75	76.00	74.10	66.50	58.90
905	—MBR40045CT	Twin Tower	45	400	100	3000	0.75	76.00	74.10	66.50	58.90
905	—MBR40045CTR	Twin Tower	45	400	100	3000	0.75	76.00	74.10	66.50	58.90
905	—MBR40060CT	Twin Tower	60	400	100	3000	0.8	76.00	74.10	66.50	58.90
905	—MBR40060CTR	Twin Tower	60	400	100	3000	0.8	76.00	74.10	66.50	58.90
905	—MBRT30060	Three Tower	60	300	100	2500	0.8	76.00	74.10	66.50	58.90
905	—MBRT30060R	Three Tower	60	300	100	2500	0.8	76.00	74.10	66.50	58.90
905	—MBRT400100	Three Tower	100	400	100	3000	0.88	88.00	85.80	77.00	68.20
905	—MBRT400100R	Three Tower	100	400	100	3000	0.88	88.00	85.80	77.00	68.20
905	—MBRT40040	Three Tower	40	400	100	3000	0.75	88.00	85.80	77.00	68.20
905	—MBRT40040R	Three Tower	40	400	100	3000	0.75	88.00	85.80	77.00	68.20
905	—MBRT40060	Three Tower	60	400	100	3000	0.8	88.00	85.80	77.00	68.20
905	—MBRT40060R	Three Tower	60	400	100	3000	0.8	88.00	85.80	77.00	68.20
905	—MBRT60040	Three Tower	40	600	100	4000	0.75	132.00	128.70	115.50	102.30
905	—MBRT60040R	Three Tower	40	600	100	4000	0.75	132.00	128.70	115.50	102.30

