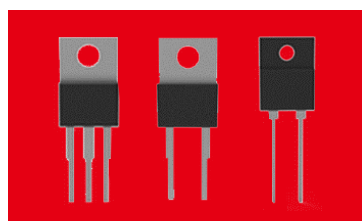


Powered by Service

Complete Discrete Semiconductor Solutions



Fast Recovery Diodes (FRED)

• 200 / 600 / 1200V Types with 8A...60A • TO-220/-F, TO-247, and D²PAK

Micro Commercial Components extends their fast switching diodes portfolio with types providing ultra-short reverse recovery time (t_{rr}) by appropriate switching characteristics.

Key Features:

- Small IR, temperature capability up to 150°C
- V_F / Q_{rr} - good compromise characteristics, reduce power consumption
- Width soft recovery characteristics, reduced EMI and improved performance
- Different versions with optimized trr or low V_F available

Key Parameters:

Product	Configuration	Package	IF (A)	VRWM (V)	VF (V)	IR (μA)	TRR (μs)
MUR30120B	Single	TO-247AD	30	1200	2.4	10	0.075
MUR3060B	Single	TO-247AD	30	600	2.3	10	0.035
MUR60120B	Single	TO-247AD	60	1200	3.3	15	0.085
MUR6060B	Single	TO-247AD	60	600	1.7	10	0.075
MURS1560A	Single	TO-220AC	15	600	1.6	5	0.035
MURS1560FA	Single	ITO-220AC	15	600	1.6	5	0.035
MURS1620CTA	Dual	TO-220AB	16	200	1.0	5.0	0.035
MURS1620FCTA	Dual	ITO-220AB	16	200	1.0	5.0	0.035
MURS1660CTA	Dual	TO-220AB	16	600	1.6	5.0	0.035
MURS1660FCTA	Dual	ITO-220AB	16	600	1.6	5.0	0.035
MURS820A	Single	TO-220AC	8.0	200	1.0	5.0	0.035
MURS820FA	Single	ITO-220AC	8.0	200	1.0	5.0	0.035
MURS860A	Single	TO-220AC	8.0	600	1.6	5.0	0.035
MURS860FA	Single	ITO-220AC	8.0	600	1.6	5.0	0.035
MURSB1520	Single	D2-PAK	15	200	1.02	10	0.035
MURSB1560	Single	D2-PAK	15	600	1.55	10	0.04
MURSB1620CTA	Dual	D2-PAK	16	200	1.0	5.0	0.035
MURSB1660CTA	Dual	D2-PAK	16	600	1.6	5.0	0.035
MURSD820A	Single	DPAK	8.0	200	1.0	5.0	0.035
MURSD860A	Single	DPAK	8.0	600	1.6	5.0	0.035

