

Reach the PINNACLE of Performance and Reliability

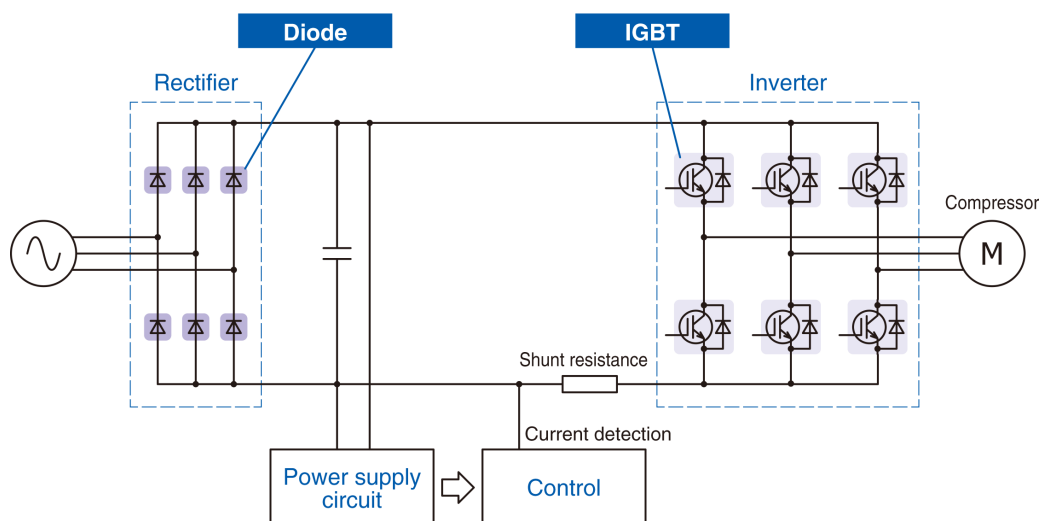
Home Appliances

The home appliance market includes room air conditioners, refrigerators, washers and dryers, and a myriad smart appliances. Fuji Electric offers semiconductors that provide a high-reliability power solution with control features to ensure your home appliances are operating smoothly.

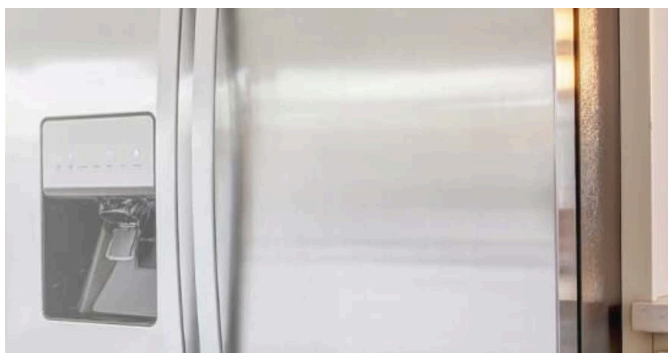
3 Market Segments

Air Conditioners

Room Air Conditioners are an essential system in our homes. Fuji Electric offers high-performance and effective products enabling optimized control with a significant increase in efficiency.



Refrigeration



Refrigerators are vital appliances in every home. Fuji Electric power semiconductors provide greater efficiency which leads to energy savings. Learn how Fuji Electric power semiconductors can support improved performance and energy efficiency.

Smart Vacuum Cleaners



Smart Vacuums and other autonomous systems rely on optimized control and energy-efficient operation to enhance performance. Fuji Electric power semiconductors provide significant power reduction in total energy losses.

Small IPMs

Part Number	Package	Status	Series	VCES	IC	Width	Length	RoHS	Net Mass
6MBP50XTA065-50	P642	New	7th-Gen X Series	650	50	31	79	Yes	37
6MBP50XTC065-50	P642	New	7th-Gen X Series	650	50	31	79	Yes	37
6MBP75XTA065-50	P642	New	7th-Gen X Series	650	75	31	79	Yes	37
6MBP75XTC065-50	P642	New	7th-Gen X Series	650	75	31	79	Yes	37
6MBP15XSD060-50	P633A	Existing	7th-Gen X Series	600	15	26	43	Yes	9.3
6MBP15XSF060-50	P633A	Existing	7th-Gen X Series	600	15	26	43	Yes	9.3
6MBP20XSD060-50	P633A	Existing	7th-Gen X Series	600	20	26	43	Yes	9.3
6MBP20XSF060-50	P633A	Existing	7th-Gen X Series	600	20	26	43	Yes	9.3
6MBP30XSD060-50	P633A	Existing	7th-Gen X Series	600	30	26	43	Yes	9.3
6MBP30XSF060-50	P633A	Existing	7th-Gen X Series	600	30	26	43	Yes	9.3
6MBP35XSD060-50	P633A	Existing	7th-Gen X Series	600	35	26	43	Yes	9.3
6MBP35XSF060-50	P633A	Existing	7th-Gen X Series	600	35	26	43	Yes	9.3



Discrete IGBTs

Part Number	Package	Status	Configuration	Series	VCES	IC	RoHS	Mass
FGW40XS120	TO-247(Type:B)	New	-	XS series (7th-Gen)	1,200	40	Yes	6
FGW40XS120C	TO-247(Type:B)	New	With Diode	XS series (7th-Gen)	1,200	40	Yes	6
FGW75XS120	TO-247(Type:B)	New	-	XS series (7th-Gen)	1,200	75	Yes	6
FGW75XS120C	TO-247(Type:B)	New	With Diode	XS series (7th-Gen)	1,200	75	Yes	6
FGW30XS65	TO-247(Type:B)	Existing	-	XS series (7th-Gen)	650	30	Yes	6
FGW30XS65C	TO-247(Type:B)	Existing	With Diode	XS series (7th-Gen)	650	30	Yes	6
FGW40XS65	TO-247(Type:B)	Existing	-	XS series (7th-Gen)	650	40	Yes	6
FGW40XS65C	TO-247(Type:B)	Existing	With Diode	XS series (7th-Gen)	650	40	Yes	6
FGW50XS65	TO-247(Type:B)	Existing	-	XS series (7th-Gen)	650	50	Yes	6
FGW50XS65C	TO-247(Type:B)	Existing	With Diode	XS series (7th-Gen)	650	50	Yes	6
FGW50XS65D	TO-247(Type:B)	Existing	With Diode	XS series (7th-Gen)	650	50	Yes	6

**Discrete IGBTs (Continued)**

Part Number	Package	Status	Configuration	Series	VCES	IC	RoHS	Mass
FGW75XS65	TO-247(Type:B)	Existing	-	XS series (7th-Gen)	650	75	Yes	6
FGW75XS65C	TO-247(Type:B)	Existing	With Diode	XS series (7th-Gen)	650	75	Yes	6
FGW75XS65D	TO-247(Type:B)	Existing	With Diode	XS series (7th-Gen)	650	75	Yes	6
FGZ75XS65C	TO-247-4	Existing	With Diode	XS series (7th-Gen)	650	75	Yes	6
FGW25N120W	TO-247(Type:B)	Existing	-	W series (High speed)	1,200	25	Yes	6
FGW25N120WD	TO-247(Type:B)	Existing	With Diode	W series (High speed)	1,200	25	Yes	6
FGW25N120WE	TO-247(Type:B)	Existing	With Diode	W series (High speed)	1,200	25	Yes	6
FGW30N65W	TO-247(Type:B)	Existing	-	W series (High speed)	650	30	Yes	6
FGW40N120W	TO-247(Type:B)	Existing	-	W series (High speed)	1,200	40	Yes	6
FGW40N120WD	TO-247(Type:B)	Existing	With Diode	W series (High speed)	1,200	40	Yes	6
FGW40N120WE	TO-247(Type:B)	Existing	With Diode	W series (High speed)	1,200	40	Yes	6
FGW40N65W	TO-247(Type:B)	Existing	-	W series (High speed)	650	40	Yes	6
FGW40N65WD	TO-247(Type:B)	Existing	With Diode	W series (High speed)	650	40	Yes	6
FGW40N65WE	TO-247(Type:B)	Existing	With Diode	W series (High speed)	650	40	Yes	6
FGW50N65W	TO-247(Type:B)	Existing	-	W series (High speed)	650	50	Yes	6
FGW50N65WD	TO-247(Type:B)	Existing	With Diode	W series (High speed)	650	50	Yes	6
FGW50N65WE	TO-247(Type:B)	Existing	With Diode	W series (High speed)	650	50	Yes	6
FGW60N65W	TO-247(Type:B)	Existing	-	W series (High speed)	650	60	Yes	6
FGW60N65WD	TO-247(Type:B)	Existing	With Diode	W series (High speed)	650	60	Yes	6
FGW60N65WE	TO-247(Type:B)	Existing	With Diode	W series (High speed)	650	60	Yes	6
FGW75N65W	TO-247(Type:B)	Existing	-	W series (High speed)	650	75	Yes	6
FGW75N65WE	TO-247(Type:B)	Existing	With Diode	W series (High speed)	650	75	Yes	6
FGZ40N120WE	TO-247-4	Existing	With Diode	W series (High speed)	1,200	40	Yes	6
FGZ50N65WD	TO-247-4	Existing	With Diode	W series (High speed)	650	50	Yes	6
FGZ50N65WE	TO-247-4	Existing	With Diode	W series (High speed)	650	50	Yes	6
FGZ75N65WE	TO-247-4	Existing	With Diode	W series (High speed)	650	75	Yes	6
FGW15N120H	TO-247(Type:B)	Existing	-	V series (6th-Gen)	1,200	15	Yes	6
FGW15N120HD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	1,200	15	Yes	6
FGW15N120VD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	1,200	15	Yes	6
FGW25N120VD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	1,200	25	Yes	6
FGW30N120H	TO-247(Type:B)	Existing	-	V series (6th-Gen)	1,200	30	Yes	6
FGW30N120HD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	1,200	30	Yes	6
FGW30N60VD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	30	Yes	6
FGW35N60H	TO-247(Type:B)	Existing	-	V series (6th-Gen)	600	35	Yes	6
FGW35N60HC	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	35	Yes	6
FGW35N60HD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	35	Yes	6
FGW40N120H	TO-247(Type:B)	Existing	-	V series (6th-Gen)	1,200	40	Yes	6
FGW40N120HD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	1,200	40	Yes	6
FGW40N120VD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	1,200	40	Yes	6
FGW50N60H	TO-247(Type:B)	Existing	-	V series (6th-Gen)	600	50	Yes	6
FGW50N60HC	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	50	Yes	6
FGW50N60HD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	50	Yes	6
FGW50N60VD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	50	Yes	6
FGW75N60H	TO-247(Type:B)	Existing	-	V series (6th-Gen)	600	75	Yes	6
FGW75N60HC	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	75	Yes	6
FGW75N60HD	TO-247(Type:B)	Existing	With Diode	V series (6th-Gen)	600	75	Yes	6
FGW85N60RB	TO-247(Type:B)	Existing	-	RB series (Reverse Blocking IGBT)	600	85	Yes	6
FGZ75XS120C	TO-247-4	Updated	With Diode	XS series (7th-Gen)	1,200	75	Yes	6