

CROSS REFERENCE

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Cross Reference by Manufacturer

Part Number	IR Cross	Comments
ALPHA SEMICONDUCTOR (SIPEX)		
AS1115	IRU1010	Better Dropout Voltage
AS1115-25	IRU1010-25	Better Dropout Voltage
AS1115-33	IRU1010-33	Better Dropout Voltage
AS1117	IRU1117	Better Dropout Voltage
AS1117-41	IRU1117-25	Better Dropout Voltage
AS1117-49	IRU1117-33	Better Dropout Voltage
AS1580	IRU1175	Better Dropout Voltage
AS1581	IRU1160	Better Dropout Voltage
AS1582	IRU1150	Better Dropout Voltage
AS2810	IRU1010	
AS2810-25	IRU1010-25	
AS2810-33	IRU1010-33	
AS2515	IRU1015	
AS2830	IRU1030	Better Dropout Voltage
AS2830-33	IRU1030-33	Better Dropout Voltage
AS2840	IRU1050	Better Dropout Voltage
AS2840-33	IRU1050-33	Better Dropout Voltage
AS2850	IRU1050	Better Dropout Voltage
AS2850-33	IRU1050-33	Better Dropout Voltage
AS2870	IRU1075	Better Dropout Voltage
AS2884	IRU1075	
AS2885	IRU1050	
AS2885-33	IRU1050-33	Better Dropout Voltage
AS2887	IRU1030	Better Dropout Voltage
AS2887-33	IRU1030-33	Better Dropout Voltage
ADVANCED MONOLITHIC SYSTEMS (AMS)		
AMS1083	IRU1075	Better Dropout Voltage
AMS1084	IRU1050	Better Dropout Voltage
AMS1084-33	IRU1050-33	Better Dropout Voltage
AMS1085	IRU1030	Better Dropout Voltage
AMS1085-33	IRU1030-33	Better Dropout Voltage
AMS1086	IRU1015	Better Dropout Voltage
AMS1086-33	IRU1015-33	Better Dropout Voltage
AMS1117	IRU1117	Better Dropout Voltage
AMS1117-18	IRU1117-18	Better Dropout Voltage
AMS1117-25	IRU1117-25	Better Dropout Voltage
AMS1117-33	IRU1117-33	Better Dropout Voltage
AMS1503	IRU1050	Better Dropout Voltage
AMS1505	IRU1060	Better Dropout Voltage
AMS1508	IRU1175	
AMS1585	IRU1050	
AMS1585-33	IRU1050-33	
AMS1587	IRU1030	Better Dropout Voltage
AMS1587-33	IRU1030-33	Better Dropout Voltage

Part Number	IR Cross	Comments
CHERRY SEMICONDUCTOR (ON)		
CS5201	IRU1010	
CS52015	IRU1015	Better Dropout Voltage
CS5203	IRU1030	
CS5203-33	IRU1030-33	
CS5203A	IRU1050	Better Dropout Voltage
CS5203A-33	IRU1050-33	
CS5204	IRU1050	Better Dropout Voltage
CS5204-33	IRU1050-33	Better Dropout Voltage
CS5205	IRU1050	
CS5206	IRU1075	Better Dropout Voltage
CS5207	IRU1075	
CS5207A	IRU1075	
CS5253	IRU1150	Better Dropout Voltage
CS5257A	IRU1175	
FAIRCHILD		
RC1117	IRU1117	Better Dropout Voltage
RC1117-33	IRU1117-33	Better Dropout Voltage
RC1584	IRU1075	Better Dropout Voltage
RC1585	IRU1050	Better Dropout Voltage
RC1585-33	IRU1050-33	Better Dropout Voltage
RC1587	IRU1030	Better Dropout Voltage
RC1587-33	IRU1030-33	Better Dropout Voltage
LINEAR TECHNOLOGY		
LT1083	IRU1075	
LT1084	IRU1050	Better Dropout Voltage
LT1084-33	IRU1050-33	
LT1085	IRU1030	Better Dropout Voltage
LT1085-33	IRU1030-33	
LT1086	IRU1015	Better Dropout Voltage
LT1086-33	IRU1015-33	
LT1117	IRU1117	
LT1117-18	IRU1117-18	
LT1117-25	IRU1117-25	
LT1117-33	IRU1117-33	
LT1580	IRU1175	
LT1582	IRU1150	Better Dropout Voltage
LT1584	IRU1075	
LT1585	IRU1050	Better Dropout Voltage
LT1585-33	IRU1050-33	
LT1587	IRU1030	
LT1587-33	IRU1030-33	

Part Number	IR Cross	Comments
LINFINITY MICRO ELECTRONICS		
LX8117	IRU1117	Better Dropout Voltage
LX8117-25	IRU1117-25	Better Dropout Voltage
LX8117-33	IRU1117-33	Better Dropout Voltage
LX8117A	IRU1117	Better Dropout Voltage
LX8117A-25	IRU1117-25	Better Dropout Voltage
LX8117A-33	IRU1117-33	Better Dropout Voltage
LX8383	IRU1075	Better Dropout Voltage
LX8383A	IRU1075	
LX8384	IRU1050	Better Dropout Voltage
LX8384A	IRU1050	Better Dropout Voltage
LX8384-33	IRU1050-33	Better Dropout Voltage
LX8385	IRU1030	Better Dropout Voltage
LX8385A	IRU1030	Better Dropout Voltage
LX8385-33	IRU1030-33	
LX8386	IRU1015	Better Dropout Voltage
LX8386-33	IRU1015-33	
LX8415	IRU1010	
LX8415-25	IRU1010-25	
LX8415-33	IRU1010-33	
LX8580	IRU1175	Better Dropout Voltage
LX8584	IRU1075	Better Dropout Voltage
LX8585	IRU1050	Better Dropout Voltage
LX8585-33	IRU1050-33	
LX8586	IRU1075	Better Dropout Voltage
LX8586A	IRU1075	Better Dropout Voltage
LX8587	IRU1030	Better Dropout Voltage
LX8587A	IRU1030	Better Dropout Voltage
LX8587-33	IRU1030-33	
LX8610-25	IRU1206-25	Better Dropout Voltage
LX8610-33	IRU1206-33	Better Dropout Voltage
MICREL		
MIC39100-1.8	IRU1206-18	
MIC39100-2.5	IRU1206-25	
MIC39100-3.3	IRU1206-33	
MIC39101-1.8	IRU1207-18	
MIC39101-2.5	IRU1207-25	
MIC39101-3.3	IRU1207-33	
MIC39102	IRU1209	
MIC5205	IRU1205	
NATIONAL		
LM1084	IRU1050	Better Dropout Voltage
LM1084-33	IRU1050-33	Better Dropout Voltage
LM1085	IRU1030	Better Dropout Voltage

Part Number	IR Cross	Comments
LM1085-33	IRU1030-33	Better Dropout Voltage
LM1086	IRU1015	Better Dropout Voltage
LM1086-33	IRU1015-33	Better Dropout Voltage
LM1117	IRU1117	Better Dropout Voltage
LM1117-33	IRU1117-33	Better Dropout Voltage
LMS1585A	IRU1050	
LMS1587	IRU1030	Better Dropout Voltage
LMS8117	IRU1010	Better Dropout Voltage
ON SEMICONDUCTOR		
CS5201	IRU1010	
CS52015	IRU1015	Better Dropout Voltage
CS5203	IRU1030	
CS5203-33	IRU1030-33	
CS5203A	IRU1050	Better Dropout Voltage
CS5203A-33	IRU1050-33	
CS5204	IRU1050	Better Dropout Voltage
CS5204-33	IRU1050-33	Better Dropout Voltage
CS5205	IRU1050	
CS5206	IRU1075	Better Dropout Voltage
CS5207	IRU1075	
CS5207A	IRU1075	
CS5253	IRU1150	Better Dropout Voltage
CS5257A	IRU1175	
SEMTECH		
EZ1083	IRU1075	
EZ1084	IRU1050	
EZ1084-33	IRU1050-33	
EZ1085	IRU1030	
EZ1085-33	IRU1030-33	
EZ1086	IRU1015	
EZ1086-33	IRU1015-33	Better Dropout Voltage
EZ1117	IRU1117	Better Dropout Voltage
EZ1117-25	IRU1117-25	Better Dropout Voltage
EZ1117-33	IRU1117-33	Better Dropout Voltage
EZ1580	IRU1175	
EZ1581	IRU1160	Better Dropout Voltage
EZ1582	IRU1150	Better Dropout Voltage
EZ1583	IRU1150	Better Dropout Voltage
EZ1584	IRU1075	
EZ1585	IRU1050	
EZ1585A	IRU1050	
EZ1585-33	IRU1050-33	
EZ1587	IRU1030	Better Dropout Voltage
EZ1587A	IRU1030	Better Dropout Voltage

Part Number	IR Cross	Comments
EZ1587-33	IRU1030-33	Better Dropout Voltage
EZ1588	IRU1030	Better Dropout Voltage
SC1117	IRU1117	Better Dropout Voltage
SC1117-33	IRU1117-33	Better Dropout Voltage
SC1202	IRU1010	Better Dropout Voltage
SC1202-33	IRU1010-33	Better Dropout Voltage
SC5205	IRU1205	
SIPEX		
AS1115	IRU1010	Better Dropout Voltage
AS1115-25	IRU1010-25	Better Dropout Voltage
AS1115-33	IRU1010-33	Better Dropout Voltage
AS1117	IRU1117	Better Dropout Voltage
AS1117-41	IRU1117-25	Better Dropout Voltage
AS1117-49	IRU1117-33	Better Dropout Voltage
AS1580	IRU1175	Better Dropout Voltage
AS1581	IRU1160	Better Dropout Voltage
AS1582	IRU1150	Better Dropout Voltage
AS2810	IRU1010	
AS2810-25	IRU1010-25	
AS2810-33	IRU1010-33	
AS2515	IRU1015	
AS2830	IRU1030	Better Dropout Voltage
AS2830-33	IRU1030-33	Better Dropout Voltage
AS2840	IRU1050	Better Dropout Voltage
AS2840-33	IRU1050-33	Better Dropout Voltage
AS2850	IRU1050	Better Dropout Voltage
AS2850-33	IRU1050-33	Better Dropout Voltage
AS2870	IRU1075	Better Dropout Voltage
AS2884	IRU1075	
AS2885	IRU1050	
AS2885-33	IRU1050-33	Better Dropout Voltage
AS2887	IRU1030	Better Dropout Voltage
AS2887-33	IRU1030-33	Better Dropout Voltage
ST		
LD1117D	IRU1117	Better Dropout Voltage
LD1117D-33	IRU1117-33	Better Dropout Voltage
LF33CDT	IRU1206-33CD	Better Dropout Voltage
TEXAS INSTRUMENTS		
TLV431A	IRU431L	



CROSS REFERENCE

SELECTION GUIDE

DC-DC Power Management Products

VOLTAGE REGULATORS

SINGLE OUTPUT					
Part Number	V _{OUT} Adjustable	V _{OUT} Fixed	I _O	Max Dropout	Max V _{IN}
IRU1176	1.25 - 5.5V		7.5A	.65V	7V
IRU1175	1.25 - 5.5V		7.5A	.65V	7V
IRU1075	1.25 - 5.5V		7.5A	1.30V	7V
IRU1160	1.25 - 5.5V		6A	.62V	7V
IRU1050	1.25 - 5.5V		5A	1.30V	7V
IRU1050-33		3.3V	5A	1.30V	7V
IRU1150	1.25 - 5.5V		4A	.85V	7V
IRU1030	1.25 - 5.5V		3A	1.30V	7V
IRU1030-33		3.3V	3A	1.30V	7V
IRU1015	1.25 - 5.5V		1.5A	1.30V	7V
IRU1015-33		3.3V	1.5A	1.30V	7V
IRU1010	1.25 - 5.5V		1A	1.30V	7V
IRU1010-33		3.3V	1A	1.30V	7V
IRU1010-25		2.5V	1A	1.30V	7V
IRU1010-18		1.8V	1A	1.30V	7V
IRU1206-18		1.8V	1A	.65V	12V
IRU1206-25		2.5V	1A	.65V	12V
IRU1206-33		3.3V	1A	.65V	12V
IRU1207-18		1.8V	1A	.65V	12V
IRU1207-25		2.5V	1A	.65V	12V
IRU1207-33		3.3V	1A	.65V	12V
IRU1208	1.25 - 11V		1A	.65V	12V
IRU1209	1.25 - 11V		1A	.65V	12V
IRU1117	1.25 - 5.5V		.8A	1.30V	7V
IRU1117-33		3.3V	.8A	1.30V	7V
IRU1117-25		2.5V	.8A	1.30V	7V
IRU1117-18		1.8V	.8A	1.30V	7V
IRU1205	1.25 - 9V		.3A	.4V	10V
IRU1205-25		2.5V	.3A	.4V	10V
IRU1205-33		3.3V	.3A	.4V	10V

DC-DC Power Management Products

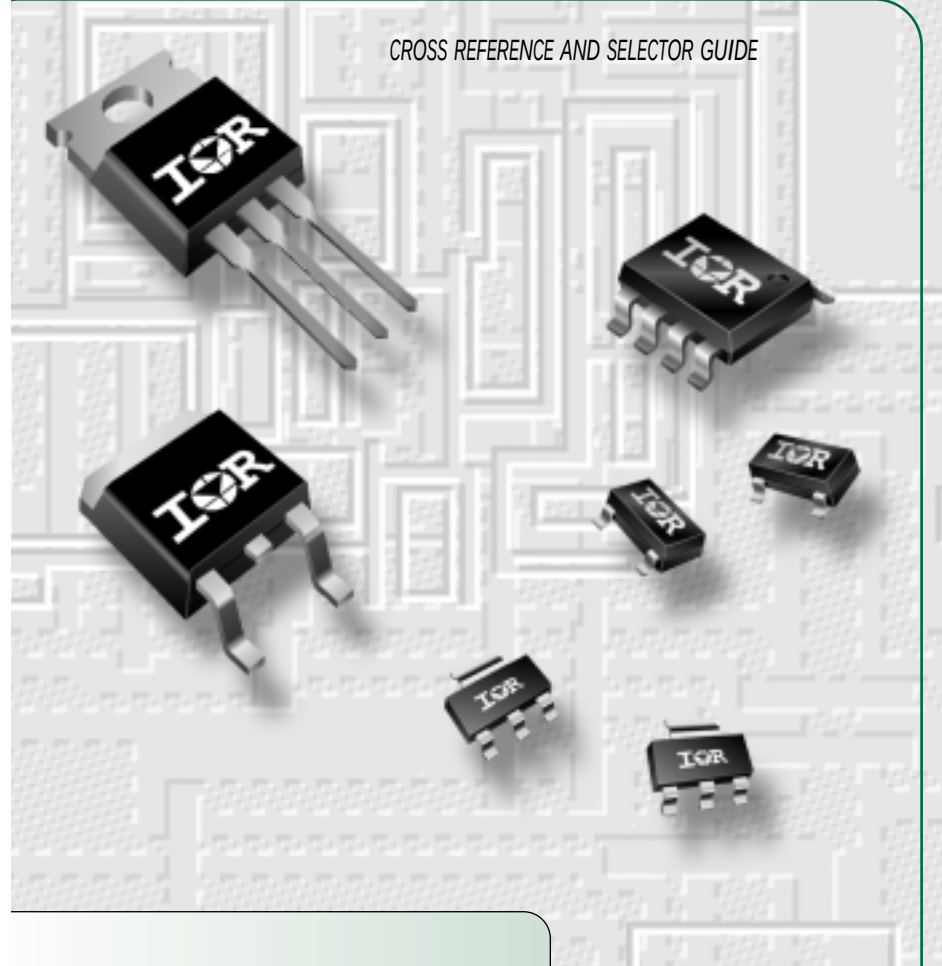
VOLTAGE REGULATORS

DUAL OUTPUT							TO-220, 5 LEADS	TO-263, 5 LEADS	ULTRA THIN-PAK, 5	TO-220, 7 LEADS	TO-263, 7 LEADS	ULTRA THIN-PAK, 7	TO-252 (D-PAK), 5	POWER SO-8, 8 LEADS
Part Number	V _{OUT} Adjustable	Fixed	I _O	Max Dropout	Max V _{IN}	Notes								
IRU1260										●	●	●		
Output 1	1.25 - 5.5V		1A	1.3V	7V	as single supply input								
			1A	0.6V		as dual supply input								
Output 2	1.25 - 5.5V		6A	1.3V		as single supply input								
			4A	1.0V		as dual supply input								
IRU1261							●	●	●					
Output 1		2.5V	1A	1.3V	7V	as single supply input								
			1A	0.6V		as dual supply input								
Output 2		1.5V	6A	1.3V		as single supply input								
			4A	1.0V		as dual supply input								
IRU1240									●					●
Output 1		2.5V	1.2A	1.7V	10V	dual supply input only								
Output 2		3.3V	1.2A	1.3V		dual supply input only								
IRU1246									●					●
Output 1		3.3V	1A	1.3V	10V	as single input only								
Output 2	1.25 - 8V		1.2A	1.3V		as single input only								
IRU1247-18									●				●	●
Output 1		1.8V	1A	1.3V	10V	as single input only								
Output 2		3.3V	1A	1.3V		as single input only								
IRU1247-25									●				●	●
Output 1		2.5V	1A	1.3V	10V	as single input only								
Output 2		3.3V	1A	1.3V		as single input only								

DC-DC Power Management Products

VOLTAGE REGULATORS

CROSS REFERENCE AND SELECTOR GUIDE



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