

GE

End-to-End Embedded Power

Product Matrices



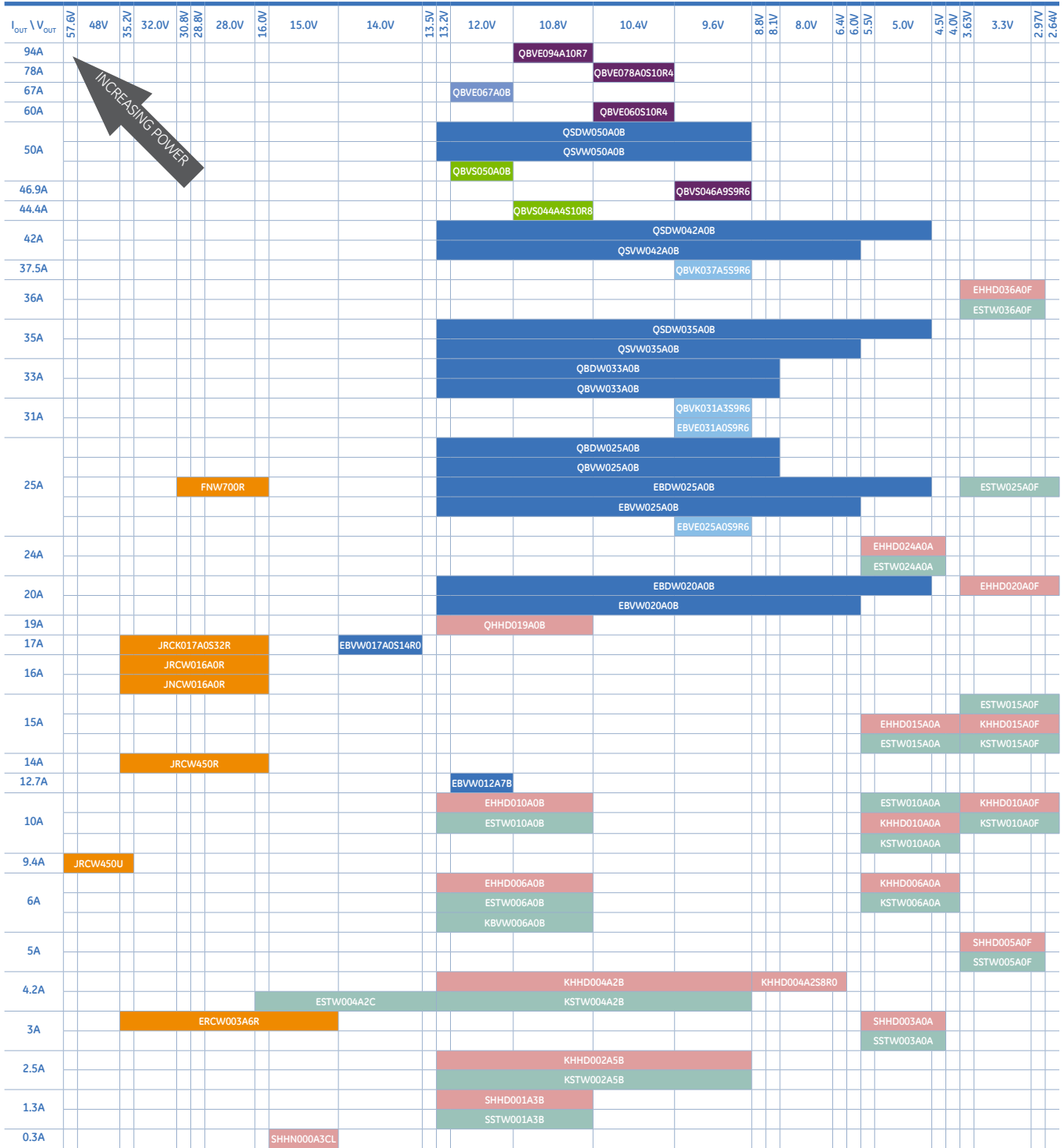
AC-DC and DC-DC Power Supplies

$I_{OUT} \setminus V_{OUT}$	54V	52V	48V	32V	28V	24V	12V
208A							CAR2512TE
							CAR2512FP
							CAR2512DC
166A							CAR2012TE
150A							CAR1812FP
133A							CAR1612FP
100A	GP100H3R48TEZ* (3 phase, RS485) 1.63in x 7.98in x 17.53in						CAR1212FP
	GP100H3M54TEZ (3 phase, I2C) 1.63in x 7.98in x 17.53in						CAR1212DC
83.3A						CAR2024FP	
70.8A							CAR0812FP
							CAR0812DC
65A	CP3500AC54TEZ/CZ 1.63in x 4in x 13.85in						
62.5A							SLP0712TE
60A	EP3000AC48 4.84in x 3.25in x 11.16in						
55A	CP3000AC54TEZ/CZ 1.63in x 4in x 13.85in						
	CP3000AC54TEPZ-F 1.63in x 4in x 16.80in						
52A			CAR2548FP				
			CAR2548TN				
			CAR2548DC				
50A	CP2725AC54TEZ/P 1.63in x 4in x 13.85in						
				CP2725AC48TEZ-FB 1.63in x 4in x 13.85in			
45A	CP2500DC54PEZ 1.63in x 4in x 13.85in						
	CP2500DC54PEZ-F 1.63in x 4in x 16.80in						
41.6A							CAR0512FP
							CCR0512FP
40A	CP2000AC54TEZ/P 1.63in x 4in x 13.85in						
	CP2000DC54PEZ 1.63in x 4in x 13.85in						
31.25A						CAR0924FP	
30A		EP1600UTEZ 1.64in x 4.59in x 8.11in					
25A			CAR1248FP				
			CAR1248TN				
20A		EP1000UTEZ 1.64in x 4.59in x 8.11in				EP0500V 1.64in x 4.59in x 8.11in	
16.6A	MPR0854FP					CAR0424FP	CLP0212
12.5A							CLP0112
10A		EP0500U 1.64in x 4.59in x 8.11in				CLP0224	
6.0A							

* 48V or 54V default Vout available

EP Rectifier (AC in)	CLP (Open Frame, AC in)	CCR (1/2 U)
CP Rectifier (AC in)	CP Converter (DC in)	GP Rectifier (AC in)
CAR Rectifier (AC in)	CAR Converter (DC in)	SLP (1Ux1U)

Isolated DC-DC Converters



FIRST LETTER	PACKAGE	FIRST LETTER	PACKAGE	THIRD LETTER	COMM INTERFACE
S	1x1 brick	Q	1/4 brick	D	DOSA PMBus
K	1/16th brick	J	1/2 brick	V and all others	DOSA Analog
E	1/8th brick	F	full brick		

BARRACUDA* HIGH ($V_{in} = 45 - 56V$)	BARRACUDA* HIGH ($V_{in} = \text{other}$)
BARRACUDA* HIGH ($V_{in} = 38 - 55V$)	HAMMERHEAD* (18 - 75V _{in})
BARRACUDA* HIGH ($V_{in} = 40 - 60V$)	BARRACUDA* LOW (36 - 75V _{in})
BARRACUDA* HIGH ($V_{in} = 36 - 75V$)	ORCA* (36-75V _{in})

Non-Isolated DC-DC Converters

IOUT \ VOUT	54V	18V	8V	6V	5.5V	5V	3V	2V	1.5V	0.7V	0.6V	0.51V	0.45V
170A									TJT170 [†]				
120A									TJT120 [†]				
80A								GDT080 [†]					
60A					NSR060								
50A								APTS050					
40A								MDT040 [†]					
								MVT040					
35A								NSR040					
								UJT035					
20A								PJT020					
								PKX020					
14								UDT020 [†]					
								UVT020					
12 + 12A								PJT014					
								PKX014					
12A								UDXS1212 [†]					
								UVXS1212					
								APXW012					
								PNDT012 [†]					
								PNVT012					
10A								UNDT012 [†]					
								UNVT012					
								PDT012 [†]					
								PVX012					
								NQR010					
6 + 6A								UDXS0606 [†]					
								UVXS0606					
7A								PJT007					
								PKX007					
6A								PNDT006 [†]					
								PNVT006					
								UNDT006 [†]					
								UNVT006					
								PDT006 [†]					
5A								PVX006					
4A								APXW005					
4A								PJT004					
								ABXS005					
3A								APXK004					
								APXW003					
								PNDT003 [†]					
								PNVT003					
								PDT003 [†]					
								PVX003					




FIRST LETTER	PACKAGE	FIRST LETTER	PACKAGE
A	Varies	N	SIP, varies
P	Pico (12x12mm)	G	Giga (33x23mm)
U	Micro (20x11mm)	T	Tera (54x32mm)
M	Mega (33x13mm)		PMBus Digital

ProLynx* (9-36Vin)	TLynx* (Vin varies)
SlimLynx* (3-14.4Vin)	Naos Raptor* (SIP, Vin varies)
DLynx II* (Vin varies)	Dual DLynx* (4.5-14.4Vin)
DLynx* (3-14.4Vin)	BoostLynx* (8-16Vin)
PicoDLynx II*	MicroDLynx II*

Non-Isolated DC-DC Converters (Cont.)

IOUT \ VOUT	54V	18V	8V	6V	5.5V	5V	3V	2V	1.5V	0.7V	0.6V	0.51V	0.45V
2A					ABXS003								
					APXS002								
					PNVX002								
					NQR002								
1A	ABXS001	ABXS002											



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