

# ANPEC Electronic Corporation Product Quick Selection Guide

• 2017 1H



• Establishment : 10/1997

• Capital : US\$33M

• Employees : 350

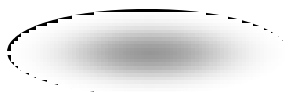
• Stock Listing : OTC TW,  
Ticker : 6138

• Mix-Signal & Analog IC  
Fabless Design House in Taiwan

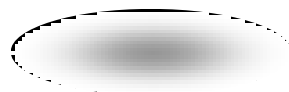
• Headquarter :  
• Hsinchu Science Park, Taiwan

Branch Office:  
Taipei & Kaohsiung, Taiwan  
Suzhou & Shenzhen, China  
California, USA  
Bundang, Korea

*• ANPEC Electronics Corporation*



- Discrete Device
- MOSFET
- IGBT



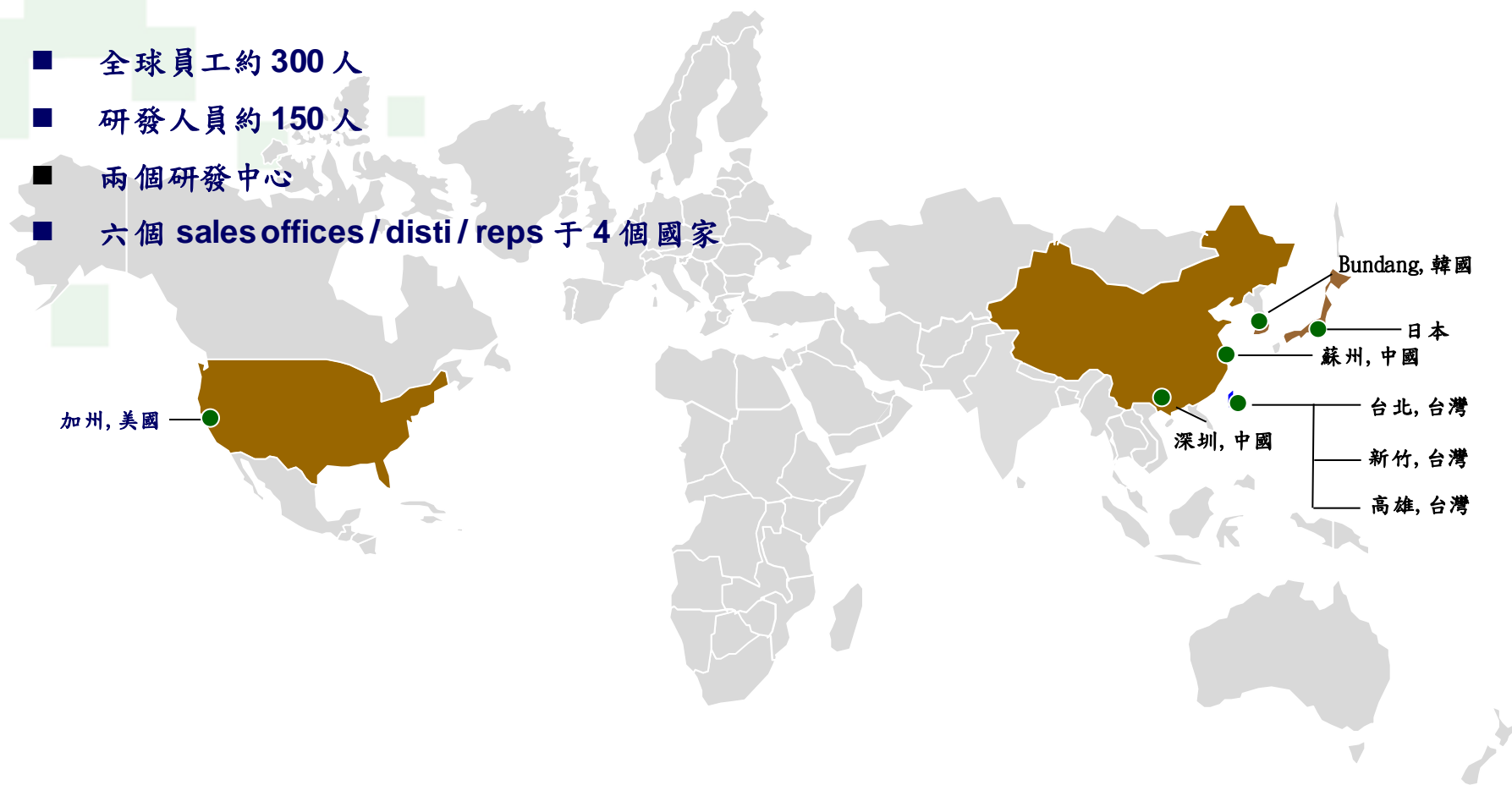
- IC Solution
- Power Management
- Motor Driver
- Audio
- Sensor



- IC Solution
- Power Management

## 主要數據

- 全球員工約 300 人
- 研發人員約 150 人
- 兩個研發中心
- 六個 sales offices / disti / reps 于 4 個國家



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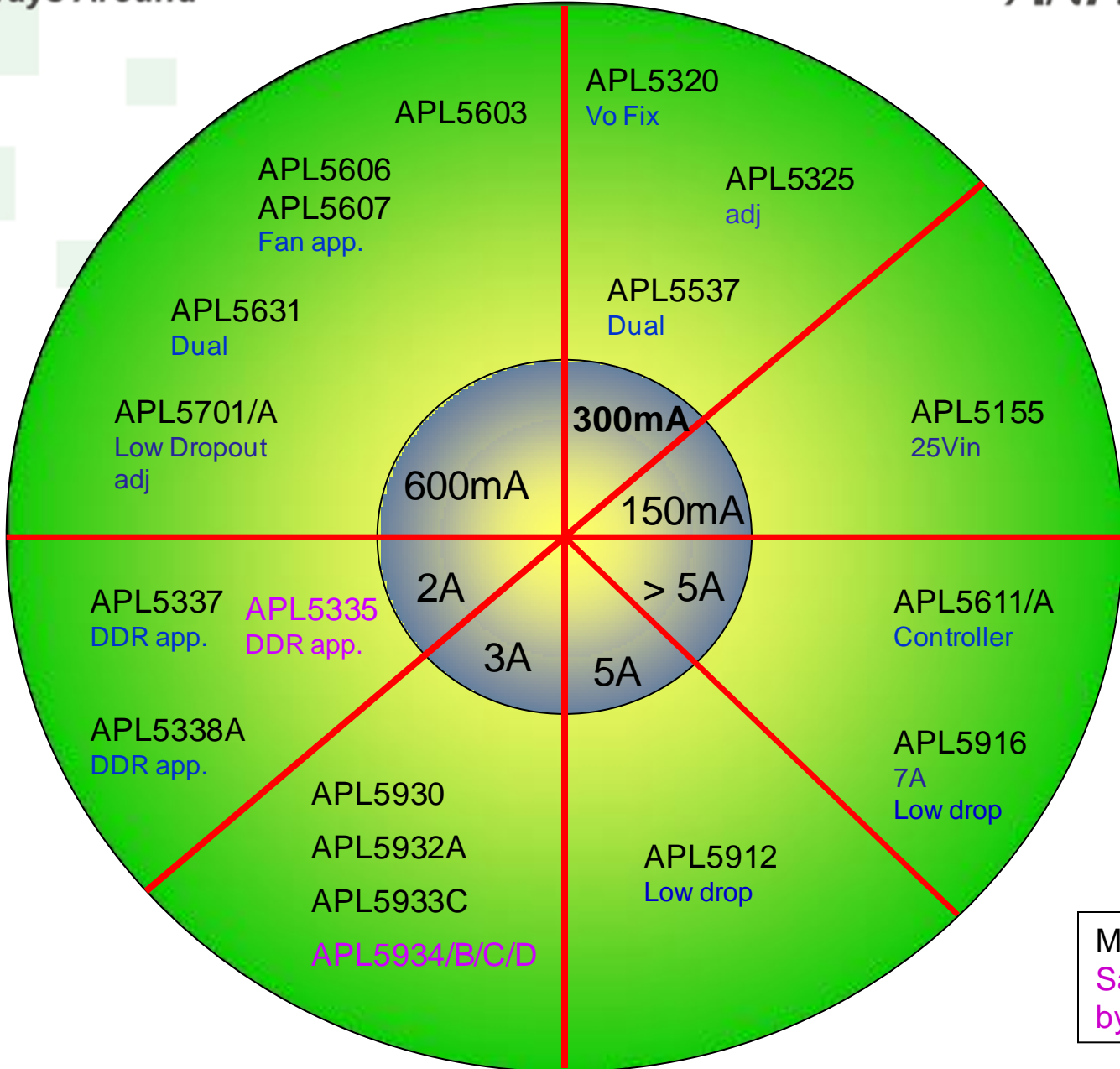
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- ANPEC → [Step-Down Converter Parts](#)
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- ANPEC → [Step-Up Converter Parts](#)
- ANPEC → [LED Driver IC](#)
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- ANPEC → [Charger & Charger protect Parts](#)
- ANPEC → [PMIC/Dr.MOS/VID/Supervisory Parts](#)
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<http://www.anpec.com.tw>

# ANPEC LDO Parts

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O/P Current	Product Number	Key Features	Package	M/P
150mA	APL5155	High Input 5.4V to 25V, Low Quiescent Current, LDO Regulator	SOT-23-5, SOT-89 , SOP-8P	M/P
300mA	APL5320 APL5325 APL5537	Ultra-Low-Noise, High PSRR, Low-Dropout, Linear Regulator 300mA CMOS Adjustable Low Dropout 300mA Linear Regulator 300mA Dual Channel 300mA Linear Regulator	SOT-23-5, SOT-23, SC70-5, VTDFN SOT-23-5, TSOT-23-6A, TDFN1.6X1.6-6	M/P M/P M/P
600mA	APL5546 APL5603 APL5606 APL5607 APL5631 APL5701	500mA Dual Channel 500mA Regulator + Reset IC Low Dropout 600mA Fixed Voltage Linear Regulator 600mA FAN Driver without/with Full Speed 600mA Linear Regulator for DC Fan Speed Control Dual Channel 600mA Fixed Voltage Linear Regulator Adj Low dropout 700mA Linear Regulator	SOP8, SOT-23-5,SOT-23-5,SOP-8,DFN3x3-8 SOP8 SOP-8P SOP-8 , TDFN 3x3-8 TDFN 2x2-8,SOP-8, TDFN3x3-10, TDFN 3x3-8, SOT-23-5,SOT-23-6	M/P M/P M/P M/P M/P M/P
2A	APL5335 APL5337 APL5338A	<b>4A SINK/SOURCE DDR TERMINATION REGULATOR</b> 2A DDR VTT LDO support DDR1, 2,3 with MLCC 2A Bus Termination Regulator	TDFN 3x3-10 SOP-8,SOP-8P MSOP-10P, TDFN 3x3-10	-- M/P M/P
3A	APL5930 APL5932A APL5933C APL5934	Ultra low dropout(0.15V/3A) LDO Ultra low dropout(0.3V/3A) LDO Ultra Low Dropout (0.19V/3A) LDO Ultra low dropout(0.15V/3A) LDO	SOP-8P SOP8-P SOP-8P, TDFN3x3-10 SOP8-P	M/P M/P M/P --
5A	APL5912	Ultra Low Dropout (0.15V Typical) Linear Regulator	SOP-8P, TDFN 3x3-10	M/P
>5A	APL5611/A APL5916	Ultra Low Dropout Linear Regulator Controller Ultra Low Dropout (0.15V Typical) Linear Regulator	SOT-23-6 SOP-8P,	M/P M/P

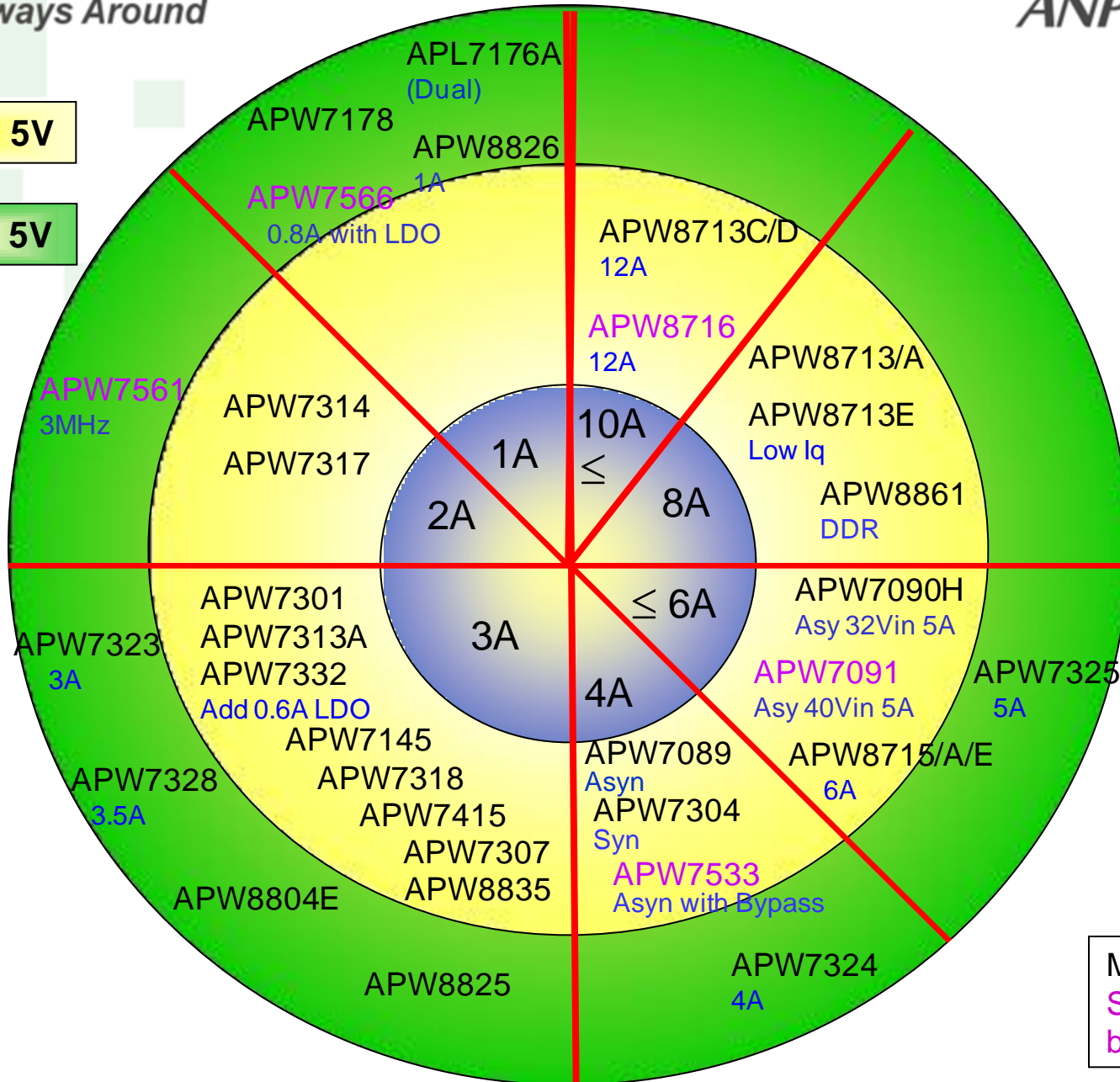
# ANPEC PWM Step-Down Converter Parts



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HV:  $V_{in} > 5V$

LV:  $V_{in} \leq 5V$



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# ANPEC PWM Step-Down Converter Parts

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O/P Current	Product Number	Key Features	Package	M/P
1A	APW7176A	1A, Dual 1.5MHz Synchronous Step-Down Converter	TDFN 3x3-10	M/P
	APW7178	1A, 5V input Synchronous PWM converter	TDFN 2x2 6P	M/P
	APW7566	0.5A 3MHz Synchronous Buck Converter with 3.3Vo 300mA LDO	TDFN 2x2-8P	--
	APW8826	1A, 1.5MHz Synchronous Buck Regulator	TSOT-23-6A	M/P
2A	APW7317	2A, 18V, Sync. Buck Converter	TSOT-23-6	MP
	APW7314	2A, 24V, 500KHz Sync. Buck Converter	TSOT-23-8	MP
	APW7561	2A, 3MHz Synchronous Buck Converter	TDFN 2x2-8	--
3A	APW7145	3A, 14V, 500KHz Synchronous Buck Converter	SOP-8P, DFN 4x4 8P	M/P
	APW7301	3A, 24V 340kHz synchronous Buck Converter	SOP-8P	M/P
	APW7307	3A 24V 500kHz Synchronous Buck Converter	TSOT-23-8A	M/P
	APW7313A	3A, 24V 340kHz synchronous Buck Converter	SOP-8P	M/P
	APW7318	3A, 18V Sync. Buck Converter	SOT-23-6	M/P
	APW7323	3.2A, 5V 1MHz Synchronous Buck Converter	SOP-8P, TDFN3x3-10	M/P
	APW7328	3.5A, 5V 2MHz Synchronous Step-Down Converter	TQFN-2x2-12	M/P
	APW7332	3A, Buck Converter with 3.3V/600mA LDO and a 2A Load Switch	TSSOP-16P, TQFN4x4-16A	M/P
	APW7415	3A, 24V 500KHz Sync. Buck Converter	TSOT-23-8	M/P
	APW8804E	3A, 5V 1MHz Synchronous Buck Converter	TDFN 3x3-10	M/P
	APW8825	3A, 5V 1MHz Synchronous Buck Converter	TDFN 2x2-8, SOT23-6	M/P
	APW8835	3A, 24V 600kHz synchronous Buck Converter	TDFN 3x3 10P	M/P

# ANPEC PWM Step-Down Converter Parts

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O/P Current	Product Number	Key Features	Package	M/P
4A	APW7089 APW7533 APW7304 APW7324	4A, 26V, 380kHz, Asynchronous Step-Down Converter 4A, 26V, 380kHz Asynchronous Buck Converter with Bypass 4A, 24V 340kHz synchronous Buck Converter 4A, 5V, 500kHz Synchronous Buck Converter	SOP-8P TDFN5x5-16 SOP-8P SOP-8P	M/P - M/P M/P
6A	APW7090H APW7091 APW7325 APW8715E/EA	5A, 32V, 380kHz, Asynchronous Step-Down Converter 5A, 40V, 380kHz, Asynchronous Step-Down Converter 5A, 5V 1MHz Synchronous Buck Converter 6A, High Input Voltage PWM Converter With Adj. Soft Start	SOP-8P TDFN3x3-10P SOP-8P TQFN4x4-23	M/P - M/P M/P
8A	APW8713 APW8713A APW8713E  APW8861	High Input Voltage 8A PWM Converter High Input Voltage 8A PWM Converter with integrated 5V LDO High Input Voltage 8A PWM Converter with Low quiescent current (typ_17uA). DDR3 AND DDR4 SYNCHRONOUS BUCK CONVERTER WITH 1.5A LDO	TQFN4x4-23 TQFN4x4-23 TQFN4x4-23  TQFN4x4-32	M/P M/P M/P  M/P
10A	APW8713C/D APW8716	10A, High Input Voltage PWM Converter 12A, High Input Voltage PWM Converter With Adj. Soft Start	TQFN4x4-23 TQFN5x5-30	M/P -

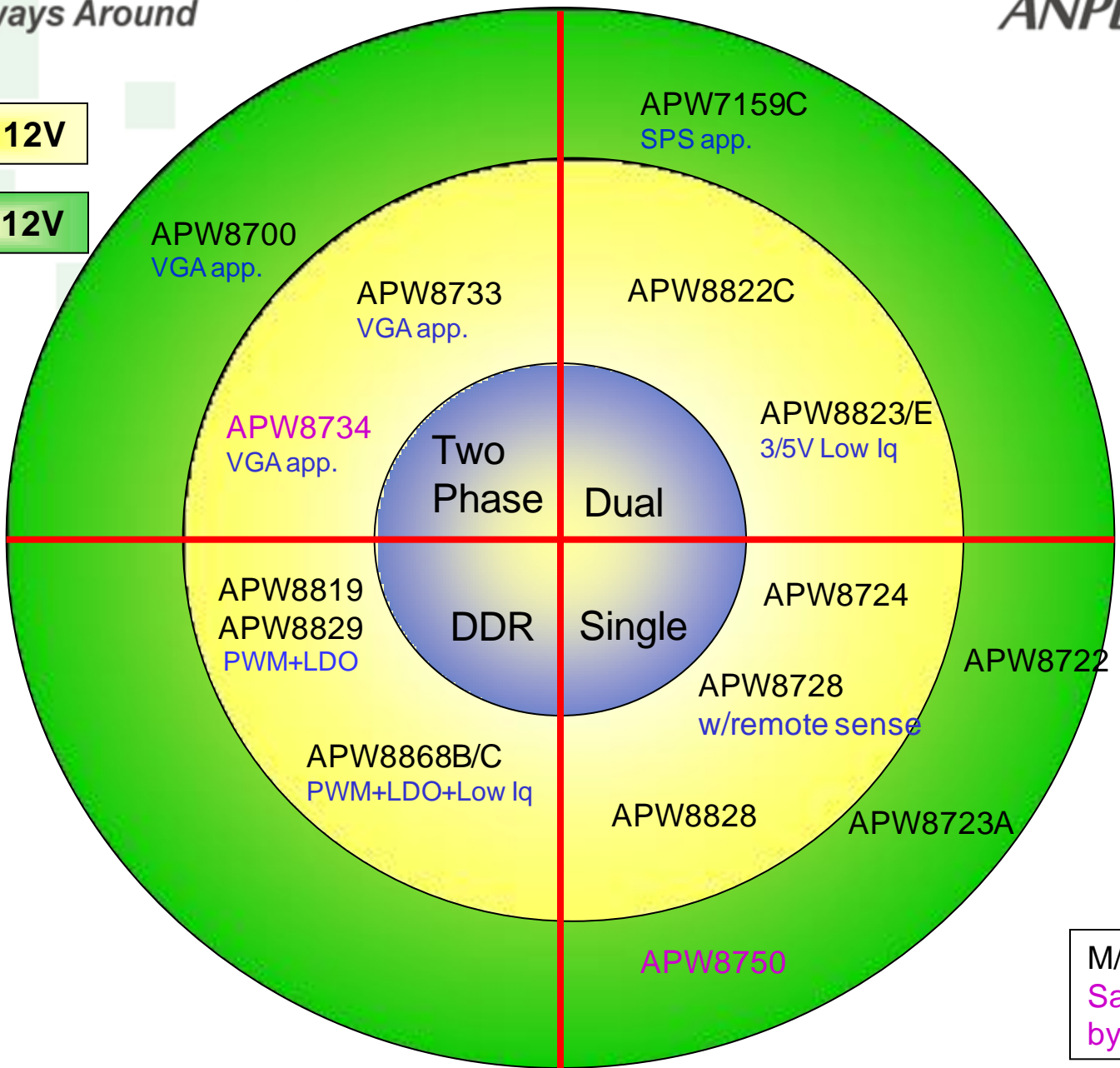
# ANPEC PWM Buck Controller Parts



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HV:  $V_{in} > 12V$

LV:  $V_{in} \leq 12V$



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# ANPEC PWM Buck Controller Parts

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O/P Current	Product Number	Key Features	Package	M/P
Dual Channel	APW7159C APW8822C APW8823	Dual Channel Synchronous Buck PWM Controller for SMPS COT PWM IC for System power (5V/3.3V) COT PWM IC for System power (5V/3.3V) with low Iq function	SOP-20, TSSOP-20P TQFN 3x3 20P TQFN 3x3 20P	M/P M/P M/P
Two Phase	APW8700 APW8733 APW8734	Dual-Phase Synchronous-Rectifier Buck Controller Dual Phase COT PWM Controller For NB & Desktop Graphics Dual Phase COT PWM Controller For NB & Desktop Graphics	QFN4x4-24 TQFN3x3-20 TQFN3x3-20	M/P M/P -
DDR	APW8819 APW8829 APW8868B APW8868C	DDR Total Power Solution with PWM + 1.5A VTT LDO DDR Total Power Solution with PWM + 1.5A VTT LDO DDR Total Power Solution with PWM + 1.5A VTT LDO & Low Iq DDR Total Power Solution with PWM + 1.5A VTT LDO & Low Iq with Tracking mode	TQFN 3x3 20P QFN-20, TQFN-16 TQFN 4x4 20P TQFN 4x4 20P	M/P M/P M/P M/P
Single	APW8722 APW8723A APW8724 APW8728 APW8750 APW8828	12Vcc, Driving to 20A, 9VDRV, EXT COMP PWM Controller 12Vcc, Driving to 20A, 5V to 12V Voltage Mode PWM Controller Common single PWM Controller with Multiform supply Voltage Single output COT PWM Controller with REFIN & Remote sense function Single output PWM controller p2p APW8723 +1.8Vin to +28Vin Adjustable Output Voltage from +0.7V to +5.5V - 0.7V Reference Voltage	SOP-8 TDFN 3x3-10P TDFN3x3-10 TQFN3x3-16 TDFN3x3-10 TDFN3x3-10	M/P M/P M/P M/P - M/P

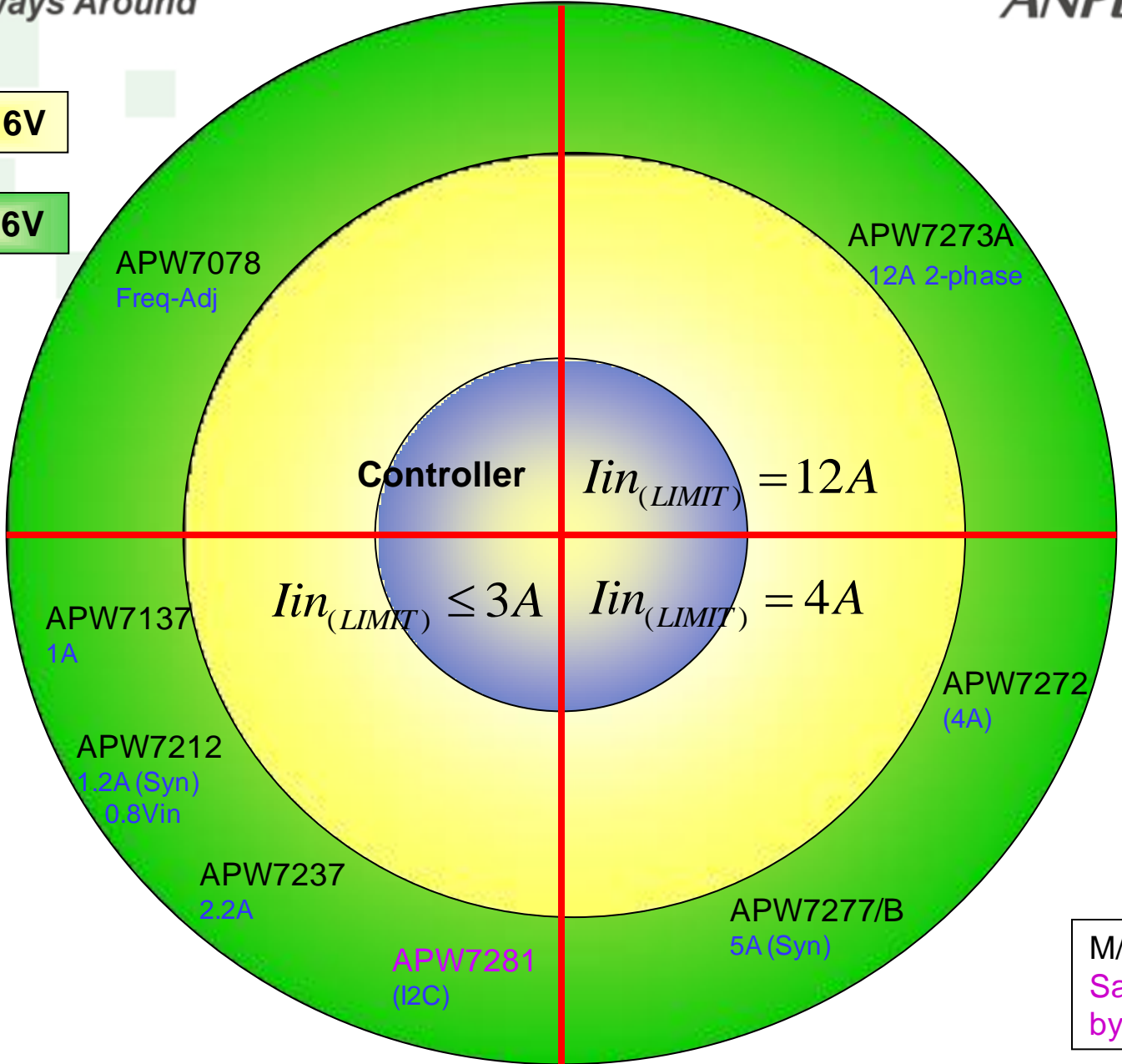
# ANPEC Step-Up Converter Parts



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HV:  $V_{in} > 6V$

LV:  $V_{in} \leq 6V$



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# ANPEC Step-Up Converter Parts

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O/P Current	Product Number	Key Features	Package	M/P
Controller	APW7078	Frequency adjustable Single Step-up DC/DC Controller	SOP-8, MSOP-8 TSSOP-8, TDFN2x2-8	M/P
Converter (I/P current limit 1~2A)	APW7137	1MHz, High Efficiency, 30Vo max with Internal FET Switch	SOT23-5	M/P
	APW7212	1MHz, 1.2Vin 1.2ASynchronous, 5.5Vo max with Load Disconnection	TDFN2x2-8 CT : TSOT-23-6A	M/P
	APW7237	1.5MHz, High Efficiency, 16Vo max with Internal FET Switch	SOP8, SOP-8P, MSOP-8P	M/P
	APW7281	2.5MHz, 3000mA, Sync. Boost Converter with True Bypass Mode, and I2C programmable for Output	WLCSP 1.66x1.66-16	-
Converter (I/P current limit 4~7A)	APW7272	600kHz or 2.6Vin 4A ,1.2MHz, 24Vo max with Adjustable Soft-Start Function	TDFN3x3-8	M/P
	APW7277/B	600KHz, 1.8Vin 5A Synchronous, 5.5Vo max with Low Battery Comparator	QFN4x4-16	M/P
Converter (I/P current limit 12A)	APW7273A	2.5Vin 12A ,21VoTwo-Phase Synchronous Boost Converter,	TQFN4x4-24C	M/P

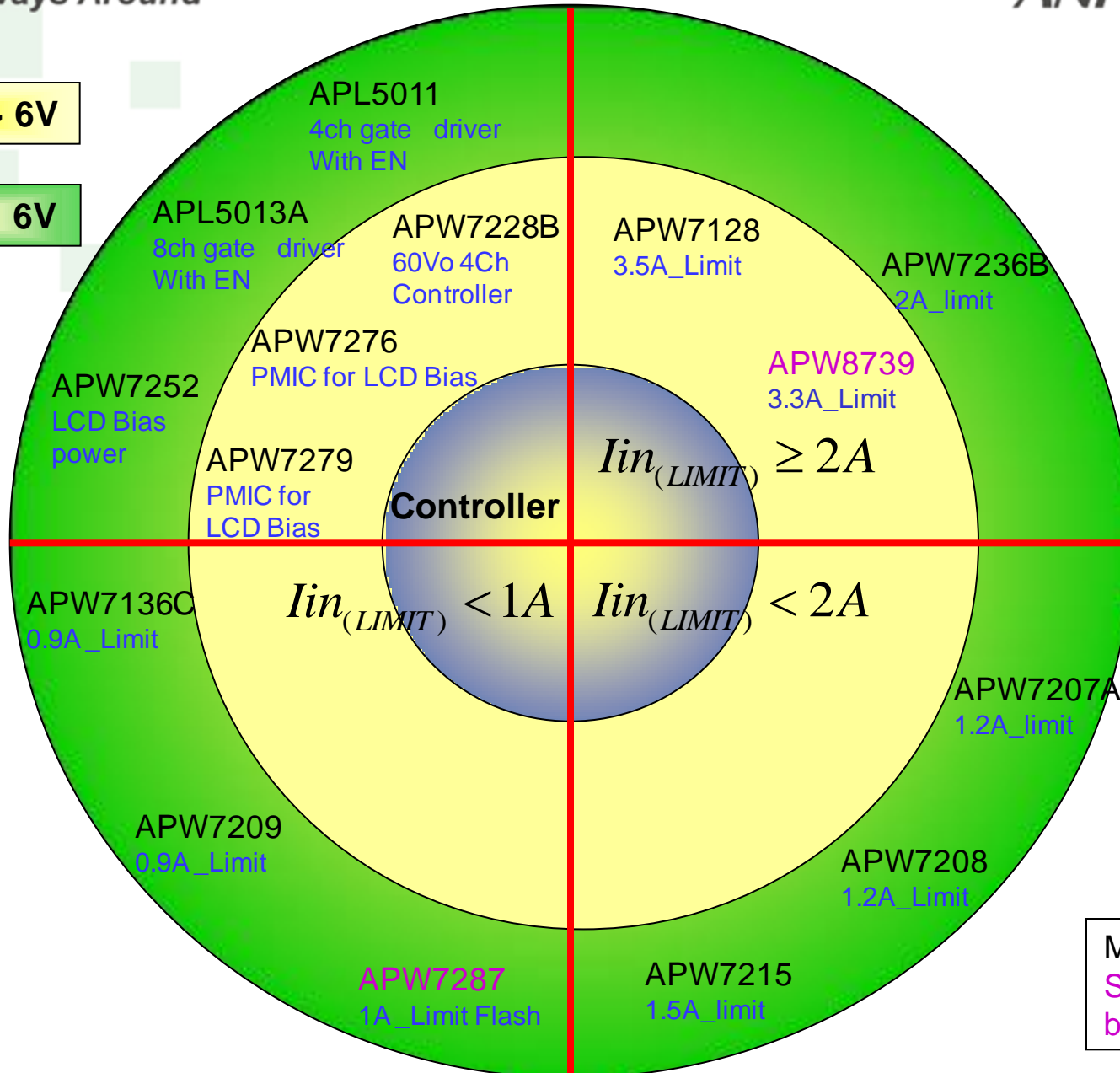
# ANPEC Backlight Driver IC



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HV:  $V_{cc} > 6V$

LV:  $V_{cc} \leq 6V$



M/P Now  
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O/P Current	Product Number	Key Features	Package	M/P
Controller	APL5011	4 channels 5A output for dynamic LED Gate Driver	SSOP-16, TQFN4x4-16	M/P
	APL5013A	5 channels 5A output for dynamic LED Gate Driver	SSOP-16, TQFN4x4-16	M/P
	APW7228B	4 Channel LED Backlight Controller, 5.5~ 30Vin range, 60Vout max, 500KHz , 4.2Vfet Lockout. Drive up to 68 (17x4) White LEDs(3.5V/160mA Each)	TSSOP-16P, SOP-16, DIP-16, QFN4x4-16A	M/P
	APW7252	±V-5V dual output for LCD Bias	WLCSP 2x1.2-15	-
	APW7276	PMIC for LCD Bias Power	TQFN3x 3-20	M/P
	APW7279	PMIC for LCD Bias Power	TQFN3x3-20	M/P
MOS integrate (I/P current limit < 1A)	APW7136C	1MHz, Input Voltage from 2.7V to 6V, 0.25Vref, 35V over voltage protection. 100Hz to 100kHz PWM Brightness Control.	SOT23-6	M/P
	APW7209	1MHz, Input Voltage from 2.5V to 6V, 0.3Vref, 42V over voltage protection. 100Hz to 100kHz PWM Brightness Control.	SOT23-6	M/P
	APW7287	LED Flash Driver	TDFN 3x3-12	-
MOS integrate (I/P current limit < 2A)	APW7207A	1MHz, Input Voltage from 2.5V to 6V, 0.2Vref, 39V over voltage protection. 100Hz to 200kHz PWM Brightness Control.	TSOT23-6A, TDFN2x2-8	M/P
	APW7208	1MHz, Input Voltage from 2.5V to 6V, 0.1Vref, 28V over voltage protection. 100Hz to 100kHz PWM Brightness Control.	SOT23-6, TSOT23-6	M/P
	APW7215	600KHz, Input Voltage from 2.5V to 6V, 0.2Vref, 28V over Voltage protection. 5KHz to 100kHz PWM Brightness Control.	TDFN2x2-8	M/P
MOS integrate (I/P current limit > 2A)	APW7128	1.2MHz, Input Voltage from 2.7V to 21V, 0.5Vref, 32V over voltage protection. With ALS function.	DFN3x3-10	M/P
	APW7236	1.5MHz, Input Voltage from 2.7V to 6V, 0.2Vref, 24V over voltage protection. 100Hz to 100kHz PWM Brightness Control.	TSOT-23-6A, TDFN2x2-8	M/P
	APW8739	4.2V~24V input range, 4CH LED Driver PWM converter with integrated MOSFET by SMBus controlled	TDFN5x5-16P	-



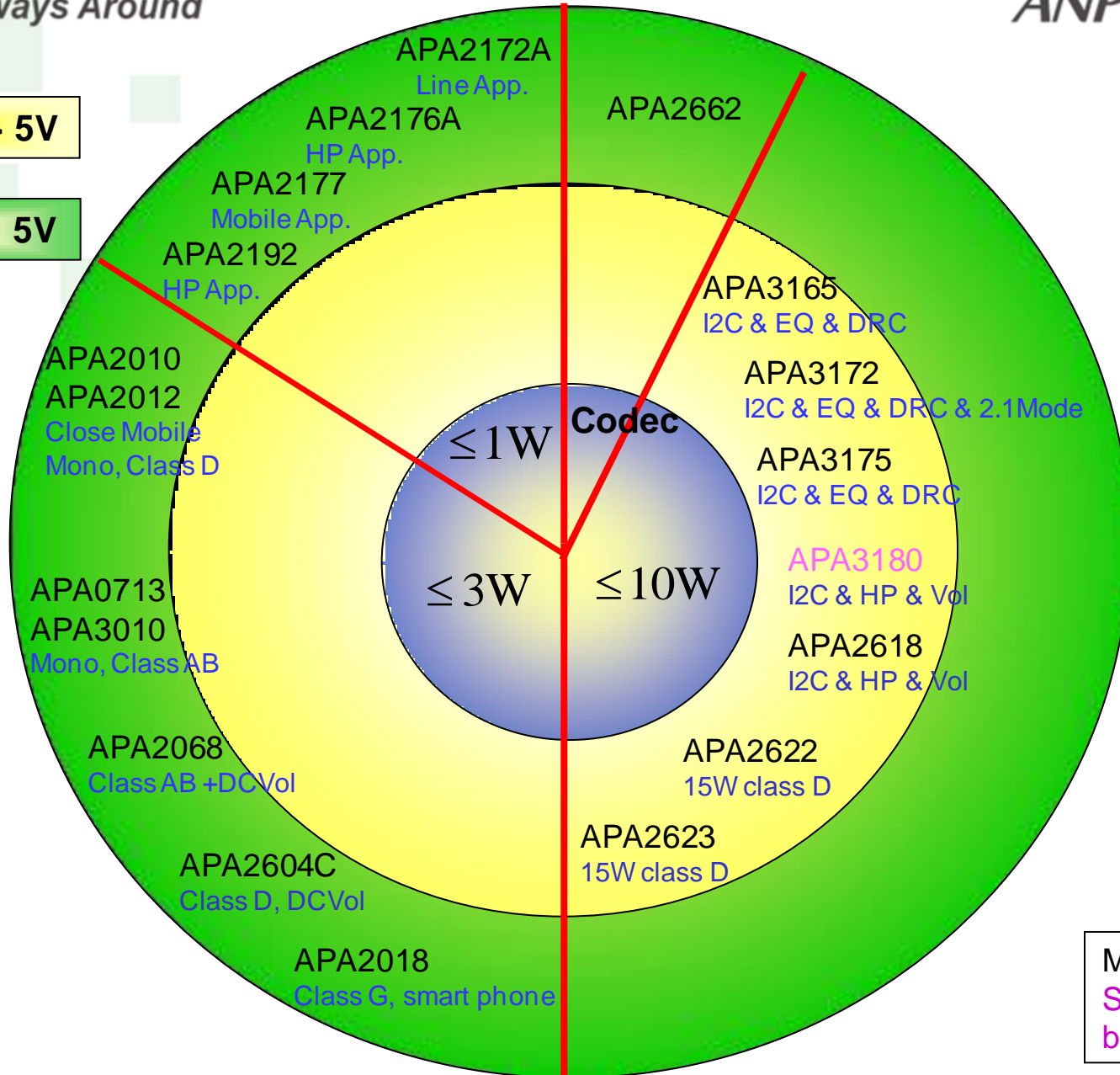
# ANPEC Audio Amplifier Parts



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HV:  $V_{cc} > 5V$

LV:  $V_{cc} \leq 5V$



M/P Now  
Sample available  
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# ANPEC Audio Amplifier Parts

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O/P Current	Product Number	Key Features	Package	M/P
Line/Head phone Driver	APA2172A	3Vrms Cap-free line driver with UVP function	TSSOP-14, SOP-14	M/P
	APA2176A	270mW Cap-free headphone driver	TQFN-16	M/P
	APA2177	25mW Stereo Cap-Free Headphone Driver	WLCSP-16	M/P
	APA2192	Headphone depop solution	CSP 1.0x1.5-6 , TDFN 2x2-6	M/P
<= 3W Class AB	APA0713	1.1W Class-AB audio power amplifier	SOP8, SOP-8P, MSOP-8P, SOP8	M/P
	APA3010	Stereo 3W Amplifier (with 3-IN MUX switch & DC_Volume Control)	SSOP-20, TQFN3X3-20	M/P
	APA2010	3W Mono Class D Audio Power Amplifier	WLCSP1.5x1.5-9, TDFN3x3-8	M/P
	APA2012	3W Mono Class-D Audio Power Amplifier With Auto-Recovering Short-Circuit Protection	WLCSP1.2x1.2-9, TDFN3x3-8	M/P
	APA2018	Boost function inside 5Vin, Vpk =6V (smart phone function) 3W Class-G	WLCSP1.5x.2-12, TDFN4x4-16	M/P
	APA2068 APA2604C	Stereo 2.6W Audio Power Amplifier (With DC_Volume Control) Stereo 2.8W Class-D Audio Power Amplifier and Class AB Headphone	SOP-16P QFN4x4-20A	M/P M/P
<= 10W	APA3165	20W Stereo Digital Class-D Audio Power Amplifier with EQ and DRC	HTQFP-48P	M/P
	APA3172	20W Stereo Digital Class-D Audio AMP with EQ, DRC and 2.1 Mode	TQFP7x7-48P	M/P
	APA3175	20W Stereo Digital Class-D Audio Power Amplifier with EQ and DRC	TQFP7x7-48P	M/P
	APA3180	28V/20W/24EQ/AGC/I2S/	TQFP48P	--
	APA2618	15W I2C/Digital Vol.Class-D Audio Power Amplifier with Cap-free HP Driver	TQFN5x5-40	M/P
	APA2622 APA2623	15W Stereo Class-D Audio Power Amplifier 15W Stereo Class-D Audio Power Amplifier	TSSOP-28P, QFN4x4-28B TSSOP-28P, QFN4x4-28B	M/P M/P
Codec	APA2662	Stereo CODEC for Portable Audio Applications	TQFN5x5-40	M/P

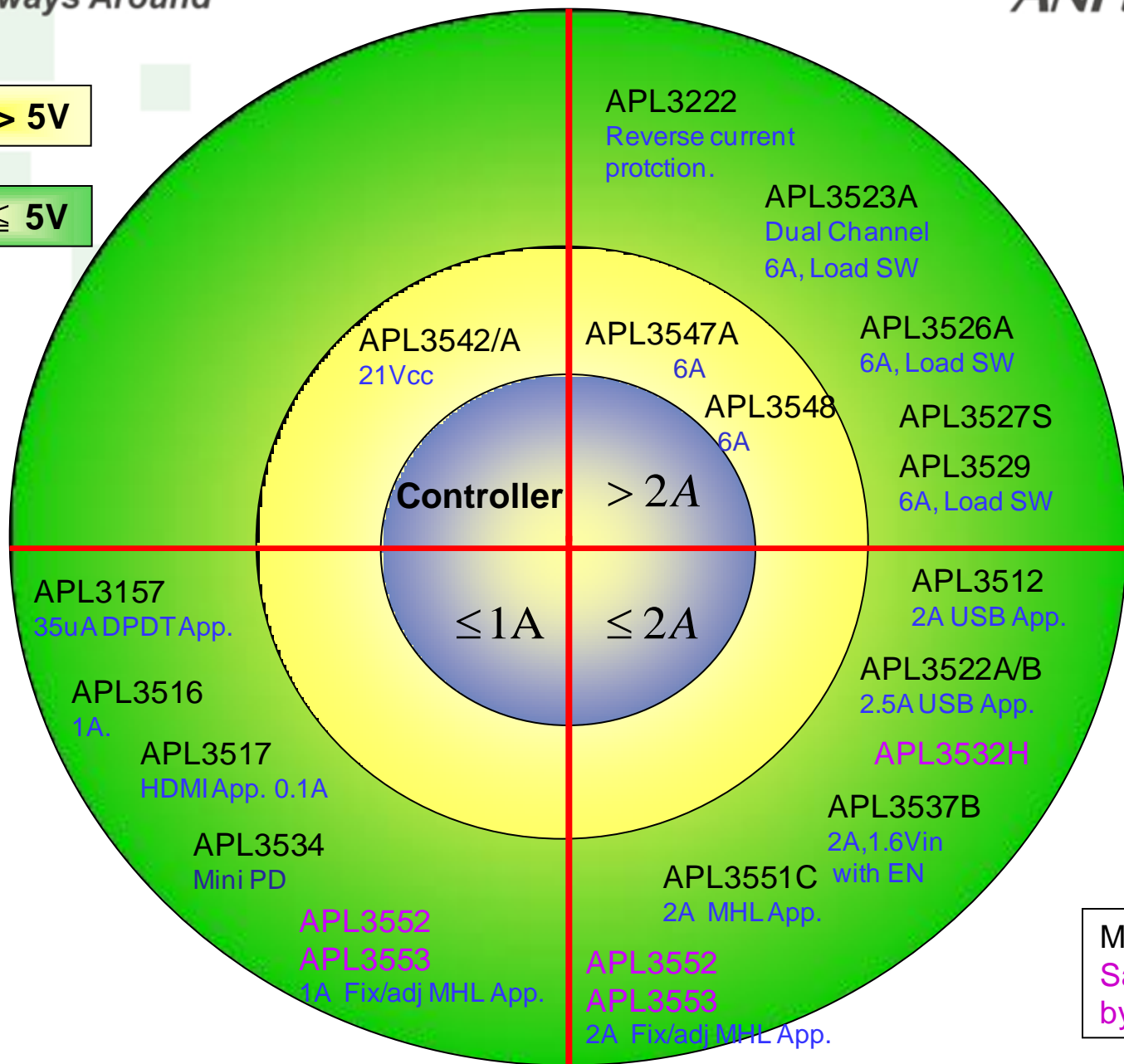
# ANPEC Power Distribution Switch



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HV:  $V_{cc} > 5V$

LV:  $V_{cc} \leq 5V$



M/P Now  
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# ANPEC Power Distribution Switch

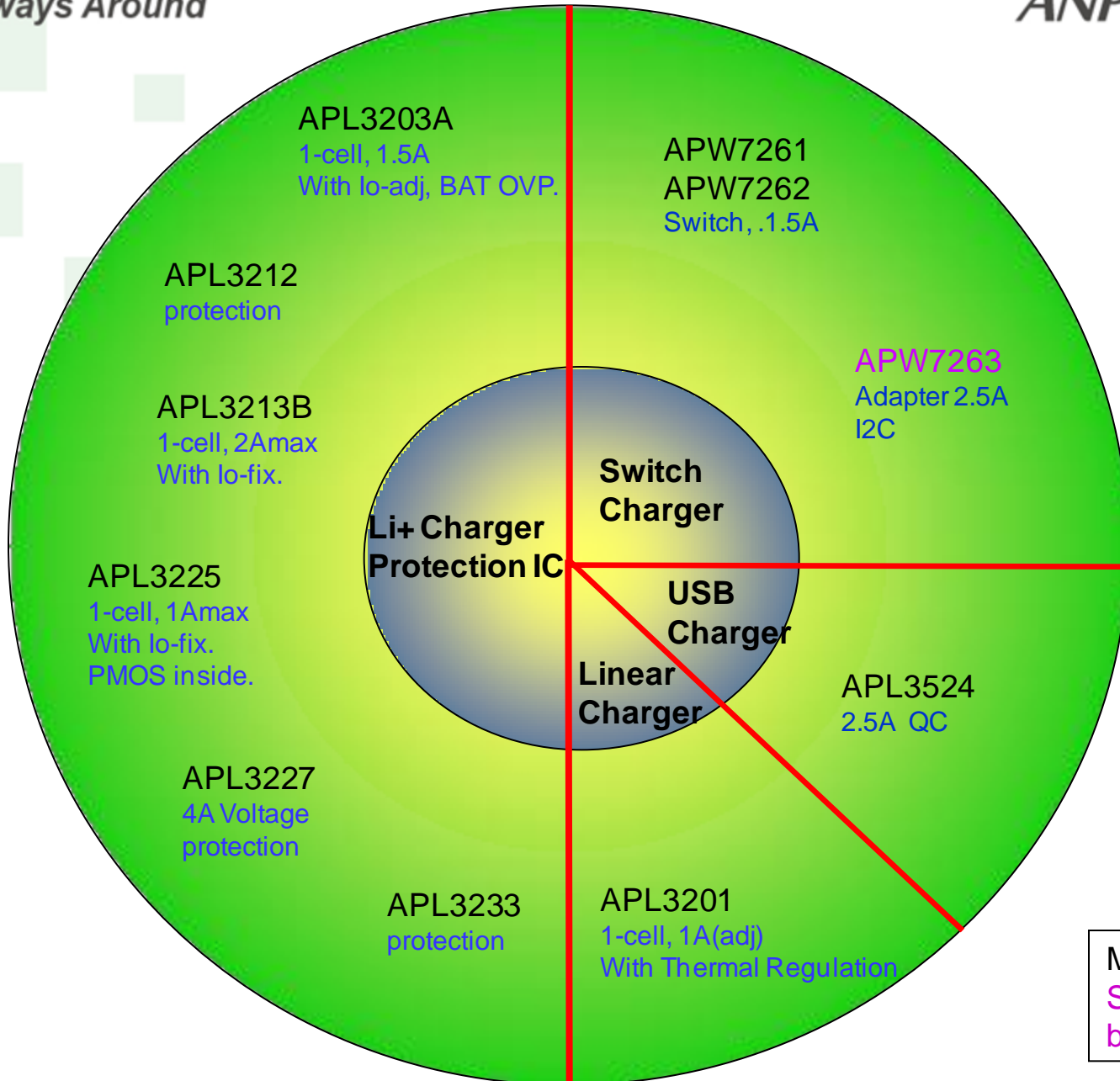
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O/P Current	Product Number	Key Features	Package	M/P
Controller	APL3542/A	High-Side Power Distribution Controller	DFN 3x3-10	M/P
MOS integrate (I/P current limit <= 1A)	APL3157	5.3V 380KHz class-D signal switch for larger voice amplitude output	WLCSP 1.2*1.2-9	M/P
	APL3516	1A USB Power-distribution Switch with ULTUV & Nemko Certified.	SOP-8	M/P
	APL3517	0.1A Power-distribution Switch with UL & Nemko Certified.	SOT23-3	M/P
	APL3534	Compact, Small Package 1A Power-Distribution Switches	SOT23-3, SOT23-5	M/P
	APL3552/3	1A USB Power-distribution Switch with ULTUV & Nemko Certified.	SOP-8 , MSOP-8, SOT23-5	M/P
MOS integrate (I/P current limit <= 2A)	APL3512	2A Power-Distribution Switches with Soft Start	SOT23-5, SOP-8, TDFN2x2-6	M/P
	APL3518B	2A Power-distribution Switch with UL, TUV & Nemko Certified. Supply voltage range from 2.7V to 5.5V.	SOT23-6, TSOT23-6	M/P
	APL3522A/B	2.5A Power-Distribution Switches with Discharge	SOT23-5	M/P
	APL3532H	Dual Input Single output Power MUX Switch	WLCSP0.8x1.6-6	-
	APL3537B	Single Switch Product For Tablet	WLCSP1.4x0.9-6ball	-
	APL3551C	1A Power-distribution Switch with UL, TUV & Nemko Certified. Supply voltage range from 2.7V to 5.5V.	SOP-8, MSOP-8, TSOP-23-5	M/P
	APL3552	2.5A Fix Current Limit Power Distribution Switches	SOT23-5, SOT23-6, TDFN2x2-6	-
APL3553	2.5A Adjustable Current Limit Power Distribution Switches	SOT23-5, SOT23-6, TDFN2x2-6	-	
LV MOS integrate (I/P current limit > 2A)	APL3222	3.5A Ultra-Low On-Resistance, Reverse current protection	WLCSP1.2x0.8-6	M/P
	APL3523A	6A Dual Load Switch with Soft Start. Supply voltage range from 0.8V to 5.5V. Supply bias voltage range from 3V to 5.5V.	TDFN2X3-14A	M/P
	APL3526A	6A Load Switch with Soft Start. Supply voltage range from 0.8V to 5.5V. Supply bias voltage range from 3V to 5.5V.	TDFN2X2-8	M/P
	APL3527S	3A Ultra-Low On-Resistance, Power Load Switch with Soft Start	WLCSP1.2x0.8-6	M/P
	APL3529	6A Load Switch with Soft Start. Supply voltage range from 0.8V to 5.5V. Supply bias voltage range from 3V to 5.5V.	TDFN2x2-8	M/P
	APL3547A	2.5 A Load Switch with Soft Start. Supply voltage range from 4.5V to 24V. Supply bias voltage range from 3V to 5.5V.	SOP-8 , TDFN2X2-6, SOP-8P	M/P
	APL3548	4.5V to 24V. 6A switch.	TSOT23-8	M/P

# ANPEC Charger & Charger protection Parts

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# ANPEC Charger & Charger protection Parts

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O/P Current	Product Number	Key Features	Package	M/P
Li+ Charger Protect IC	APL3203	1.5A Input over current protection and Input (5.85Vtyp) & Battery (4.35V <sub>BOVP</sub> ) Over-Voltage protection with EN, Fault function.	TDFN2X2-8	M/P
	APL3212	2.0A Li+ Charger Protection IC	TDFN2X2-8	M/P
	APL3213B	2.0A Input over current protection and Input (5.85Vtyp) Over-Voltage protection.	TDFN2X2-8	M/P
	APL3225	1.0A Input over current protection and Input 4.5V~6.5V input Voltage range and embedded charger MOS.	TDFN2X2-8, DFN3x3-8	M/P
	APL3227 APL3233	28V 4A over voltage protect with Default 5.825/ 6.8/ 15.5V. 30V OCP(2A) & OVP(5.85V/6.8V) Li+ Charger Protection IC	WLCSP1.3x1.8-12 WLCSP0.8x1.2-5 WLCSP0.8x1.0-5	M/P M/P
Linear Charger IC	APL3201	1A Programmable Charge Current, 4.35V~6 V <sub>DC</sub> range, Li+ Battery Charger with Thermal Regulation	DFN3X3-10	M/P
USB Charger IC	APL3524	USB Charging Port Power Switch and Controller	DQFN3X3-16	M/P
Switch Charger IC	APW7261/2	1-cell Li charger, 3MHz, 2.5V~4.5V Vin range, Switch-Mode inside with Full USB Compliance and USB-OTG Support.	WLCSP1.7x2.1-20, TQFN4x4-20A	M/P
	APW7263	2.5A I2C Controlled 3A Single Cell USB/ Adapter Charger	WLCSP 2.4X2.4-36	--

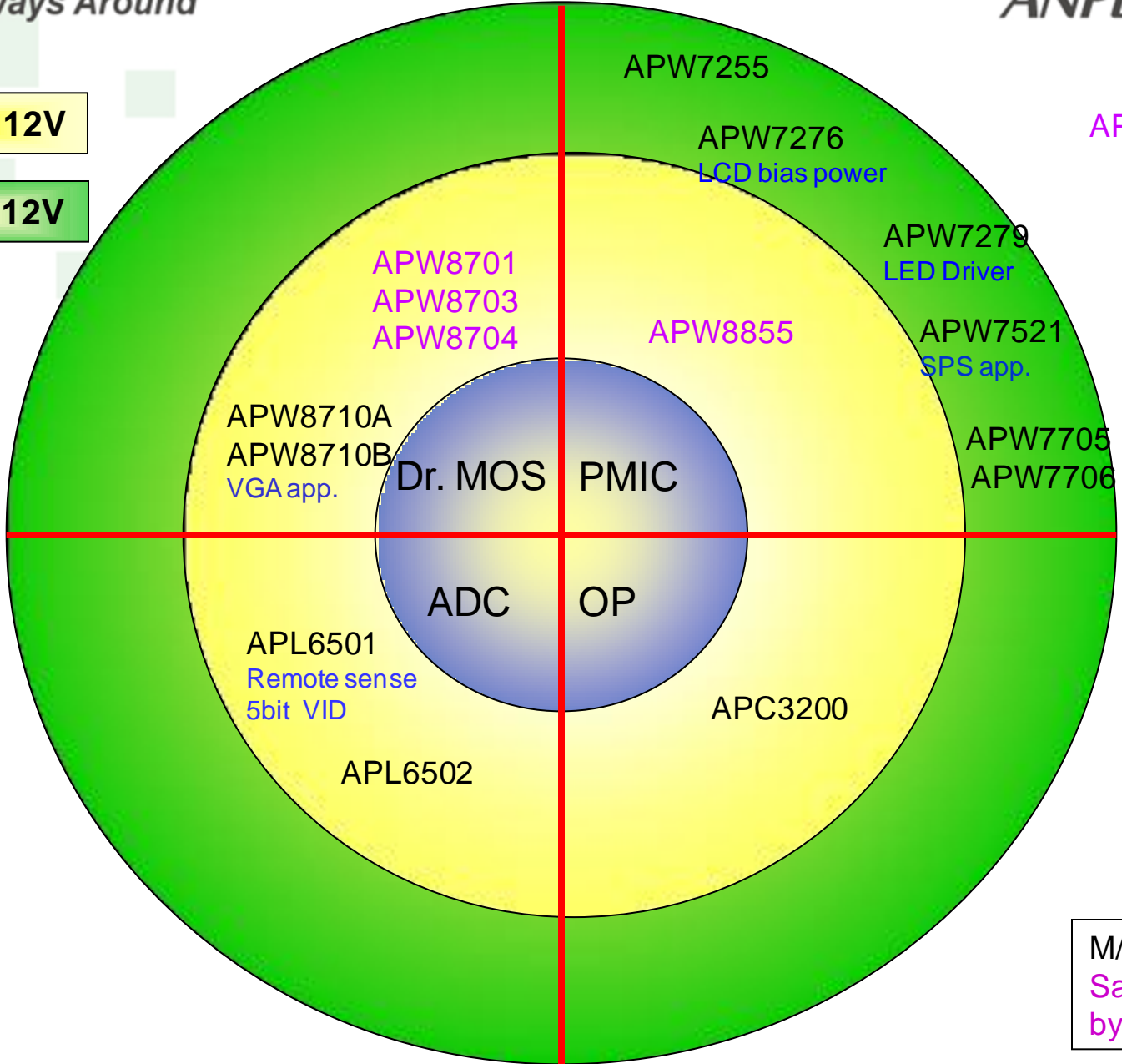
# ANPEC PMIC/Dr.MOS/ADC/Supervisory Parts



ANPEC Always Around

HV:  $V_{in} > 12V$

LV:  $V_{in} \leq 12V$



M/P Now  
Sample available  
by Q1/Q2 23

O/P Current	Product Number	Key Features	Package	M/P
Dr. MOS	APW8701 APW8703	DRMOSFET 2A output current scale with EN controller function. High-Performance, High-Current Dr.MOS Power Module	TDFN2x2-8P TQFN 4x4-23, TQFN 5x5-30	-- M/P
	APW8704 APW8710A	DRMOSFET 4A output current scale with EN controller function. Synchronous Dual N-Channel MOSFETs Drivers with 20 nS dead time & Built-in bootstrapping switch with EN function	TDFN2x2-8P SOP-8, TDFN3x3-8	-- M/P
	APW8710B	Synchronous Dual N-Channel MOSFETs Drivers with 20 nS dead time & Built-in bootstrapping switch with EN function	SOP-8, TDFN3x3-8	M/P
	VID	APL6501 APL6502	Vout Range 0.8V ~ 1.55V in 25mV Steps, 5-Bit VID Reference Vout Range 0.75V ~1.50V in 25mV Steps, 5-Bit VID Reference	SOT-23-8 SOT-23-8
O/P	APL3200	Ultra Low Power Comparator <b>Wide Input Voltage Range: 1.7V~5.5V</b>	SC-70-5	M/P
PMIC	APW7255	2.9V ~ 5.5V Vin, Two Channel Regulators and Three Channel Buck Converters PMIC	TQFN3x3-20	M/P
	APW7276	2.7V ~ 5.5V Vin, PMIC for LCD Bias Power	TQFN3x3-20	M/P
	APW7279	2.7V ~ 5.5V Vin, PMIC for LED BL + LCD Bias Power	TQFN3x3-20	M/P
	APW7521	2.7V ~ 5.5V Vin, Boost Converter + Dual LDOs with POK	TQFN2x2-12	M/P
	APW7705	2.7V ~ 5.5V Vin, 5 Buck +1 LDO PMU with temperature sensor for SSD application	TQFN5x5-36	M/P
	APW7706	2.7V ~ 5.5V Vin, 4 Buck +2 LDO PMU with temperature sensor for IP-cam application	TQFN5x5-36	M/P
	APW8855	High Current, High Frequency 7 Outputs Voltage Regulator and Power Management IC for High Performance Tablet and Ultra Notebook Applications	TQFN4x4-32A	--



# ANPEC DC FAN Motor Driver Parts & Hall

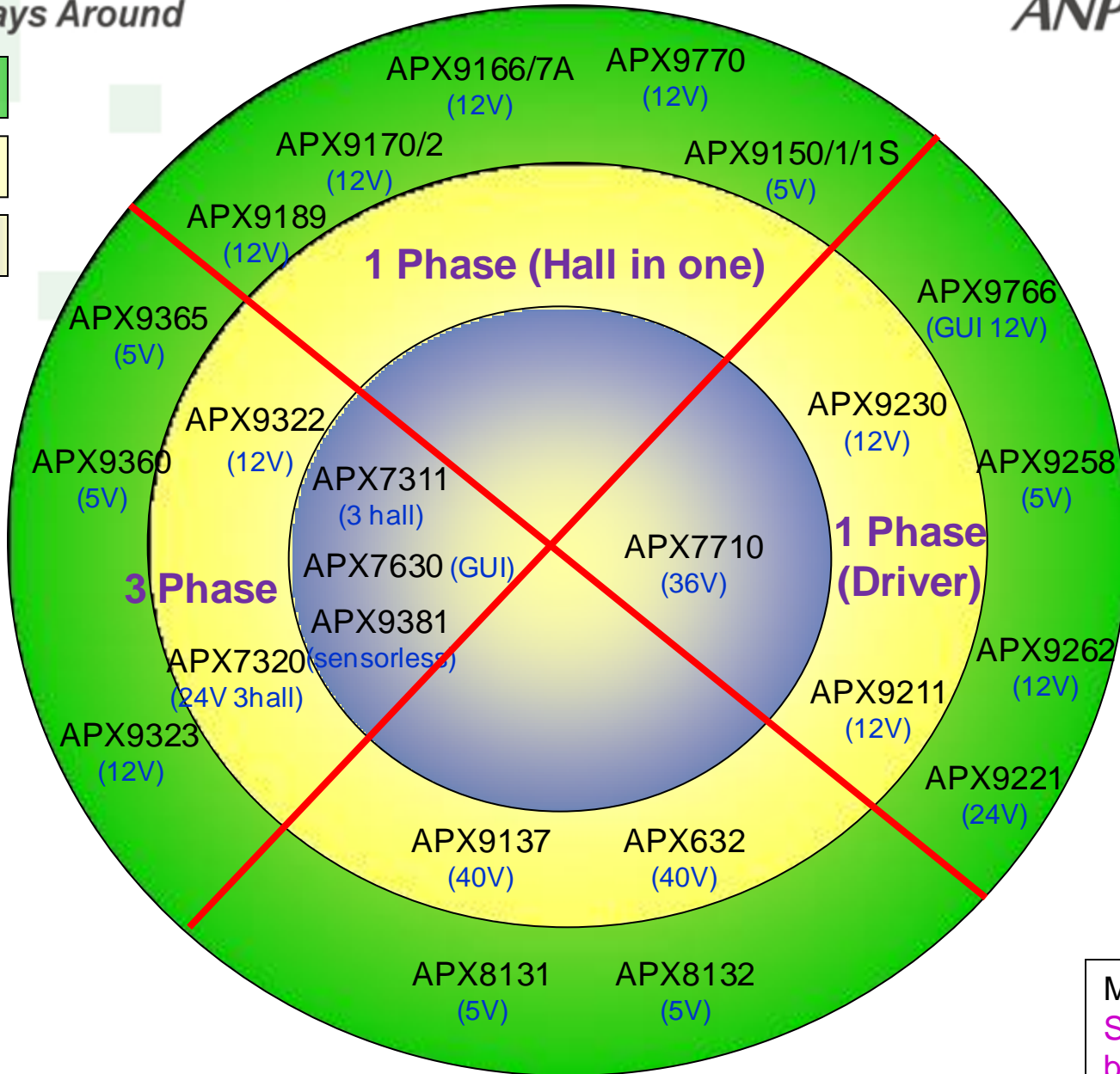


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500mA

1A

Pre-driver



Hall sensor

M/P Now  
Sample available  
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# ANPEC DC FAN Motor Driver Parts & Hall

Application	Product Number	Key Features	Package	M/P
1-Phase Hall in one	APX9150	On-chip Hall Sensor/50%Duty Force Start/PWM Soft Switch/	TSOT23-6F/SOP-8F	M/P
	APX9151	On-chip Hall Sensor/PWM Soft Switch/1/2FG Output (APX9151A)/RD Output(APX9151B)	TSOT23-6F/SOP-8F	M/P
	APX9189	3.5V ~ 30V Vin, 250mA, High Sensitivity Hall IC for FAN Drive.	TSOT23-6F	M/P
	APX9170	12V/Hall-in-One/SET Single-Phase Full-Wave Motor Driver with Built-in Hall Sensor	SOP-10F	M/P
	APX9172	12V Hall Effect 1coil Direct PWM FAN Driver	TO-92M4	M/P
	APX9770	Fan start-up with minimum dead zone/Build in input diode		M/P
	APX9166	2.7V ~ 17V Vin, 450mA, 1-Phase Full-Wave Motor Driver with Built-in Hall sensor		M/P
3-Phase Pre-driver	APX7311	3 hall sinewave/VSP control/Lead Angle Control/Dead Time Function/Variable Speed	SSOP-30	M/P
	APX7630	3 hall sinewave close loop GUI interface		
	APX9381	SET/MIN speed setting/direct PWM input terminal/soft start/LDO 5V output	TSSOP-20	M/P
3-Phase 1A	APX9322A	Sinewave , multi curve, PWM , SET ,1A , one hall , LA	QFN4x4	M/P
	APX7320	Sinewave , PWM , VSP ,1A , one/three hall	TSSOP-28P	M/P
3-Phase 500mA	APX9323	Sinewave , sensorless , PWM , SET ,500mA	TSSOP-16pin	--
	APX9365	150deg/Soft Switching/Power Saving/External PWM Speed Control	VTDFN-3X3	M/P
	APX9360	175deg, PWM / VSP	VTDFN-3X3	M/P
1-Phase Pre-driver	APX7710	36V/Single Phase/Easy digital programming/soft start/Multi Signal Output for SOUT	TSSOP-16	M/P
1-Phase Driver 1A	APX9230	12V		--
	APX9211	SET/MIN/OSC/ SS,H+L = 300mRds	SSOP-16	M/P
1-Phase Driver 500mA	APX9766	12V 450mA cont. Single-Phase Full-Wave Motor Driver with OTP	SOP-10	M/P
	APX9221	24V/Single-Phase SupplyCurrent/Speed Controllable by DC Voltage or PWM	TSSOP-16P	M/P
	APX9262	12V 450mA cont. SET/MIN speed control		
	APX9258	5V 450mA cont. PWM/Vin sped control		
Hall sensor	APX9137	40V High Sensitivity Hall Effect Sensor Latch IC	SOT-23	M/P
	APX632	40V	SOT-23	M/P
	APX8131	2.5Vin ~ 3.5VinHall Effect Micro Switch IC 5V	SOT-23	M/P
	APX8132	2.5Vin ~ 3.5VinHall Effect Micro Switch IC 5V	SOT-23	M/P

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• Thank You

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