

オプトデバイス製品のご紹介

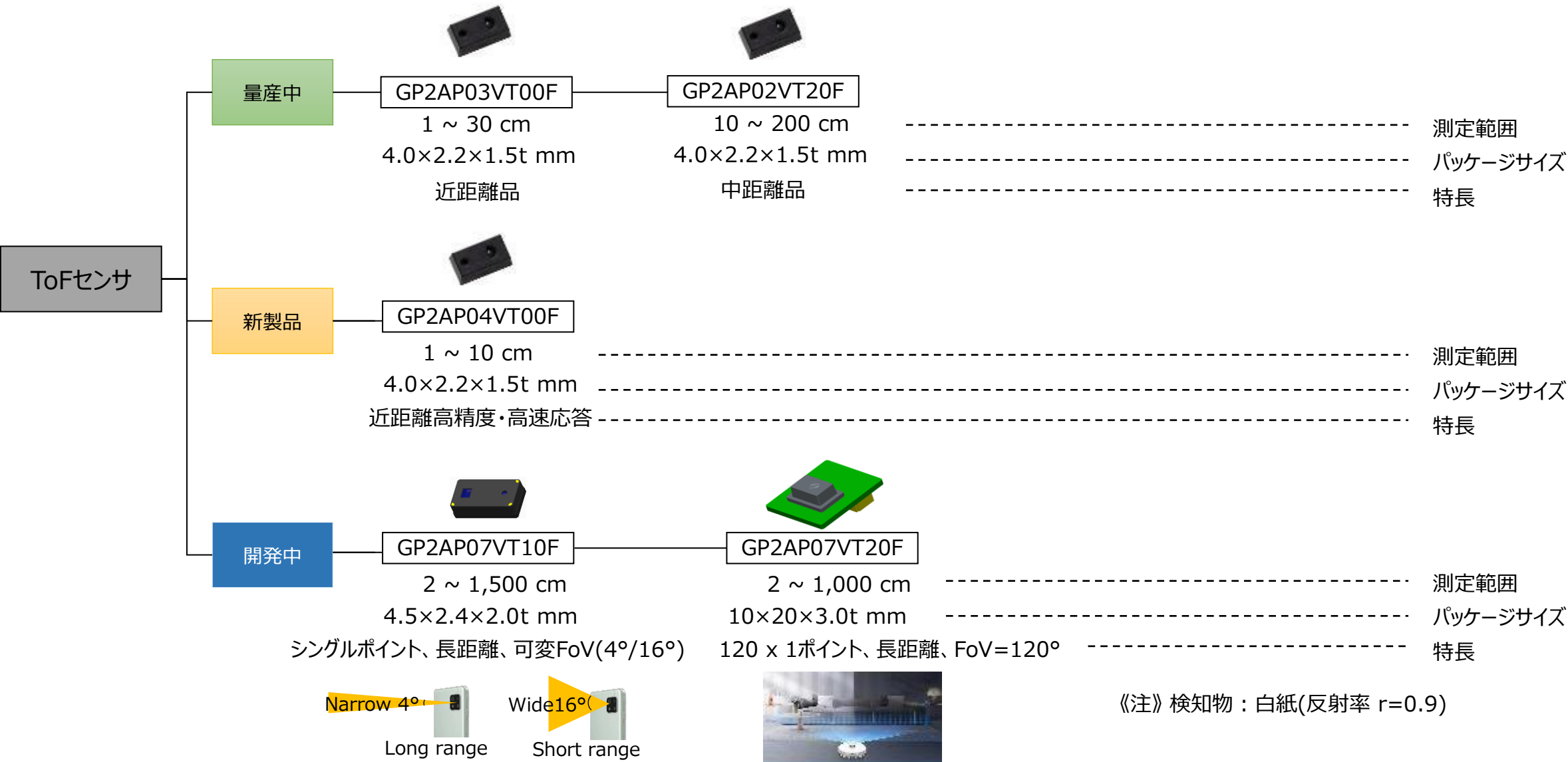
シャープセミコンダクターイノベーション株式会社
Sharp Semiconductor Innovation Corporation

<https://jp.sharp/products/device/lineup/selection/index.html>

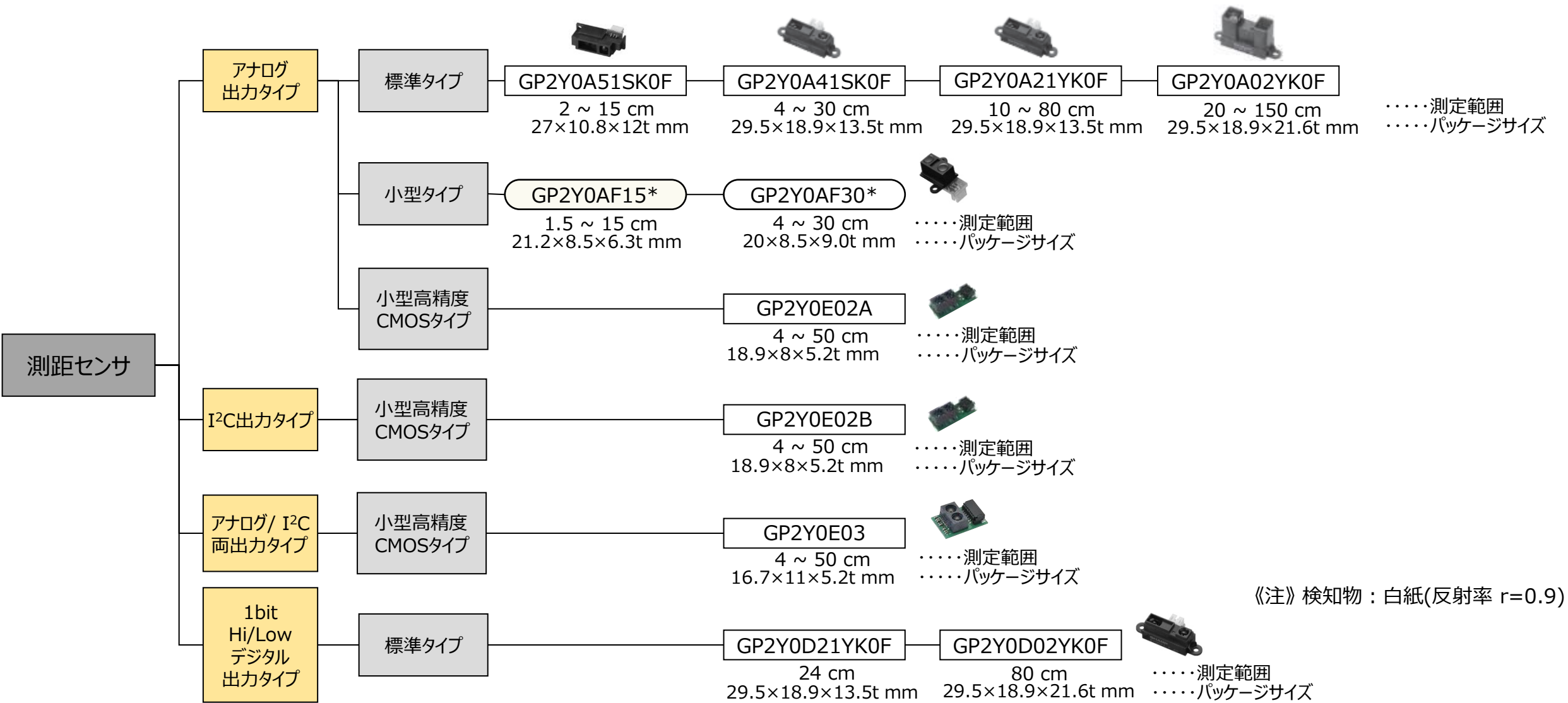
<https://global.sharp/products/device/lineup/selection/index.html>



1. ToFセンサ



2. 測距センサ（三角測量）



3. 近接センサ

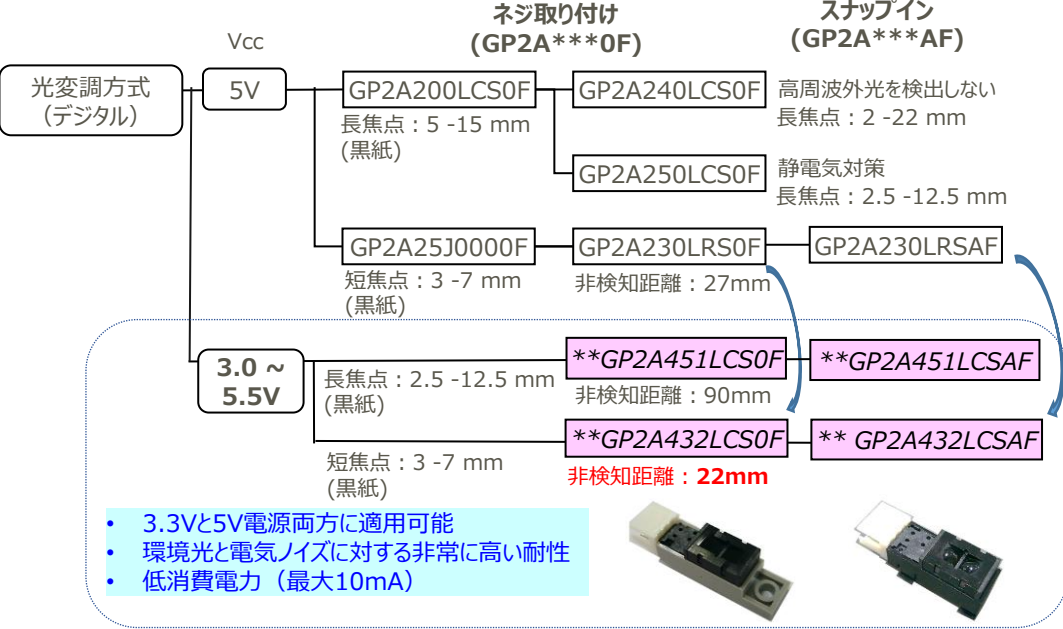


4. フォトインタラプタ

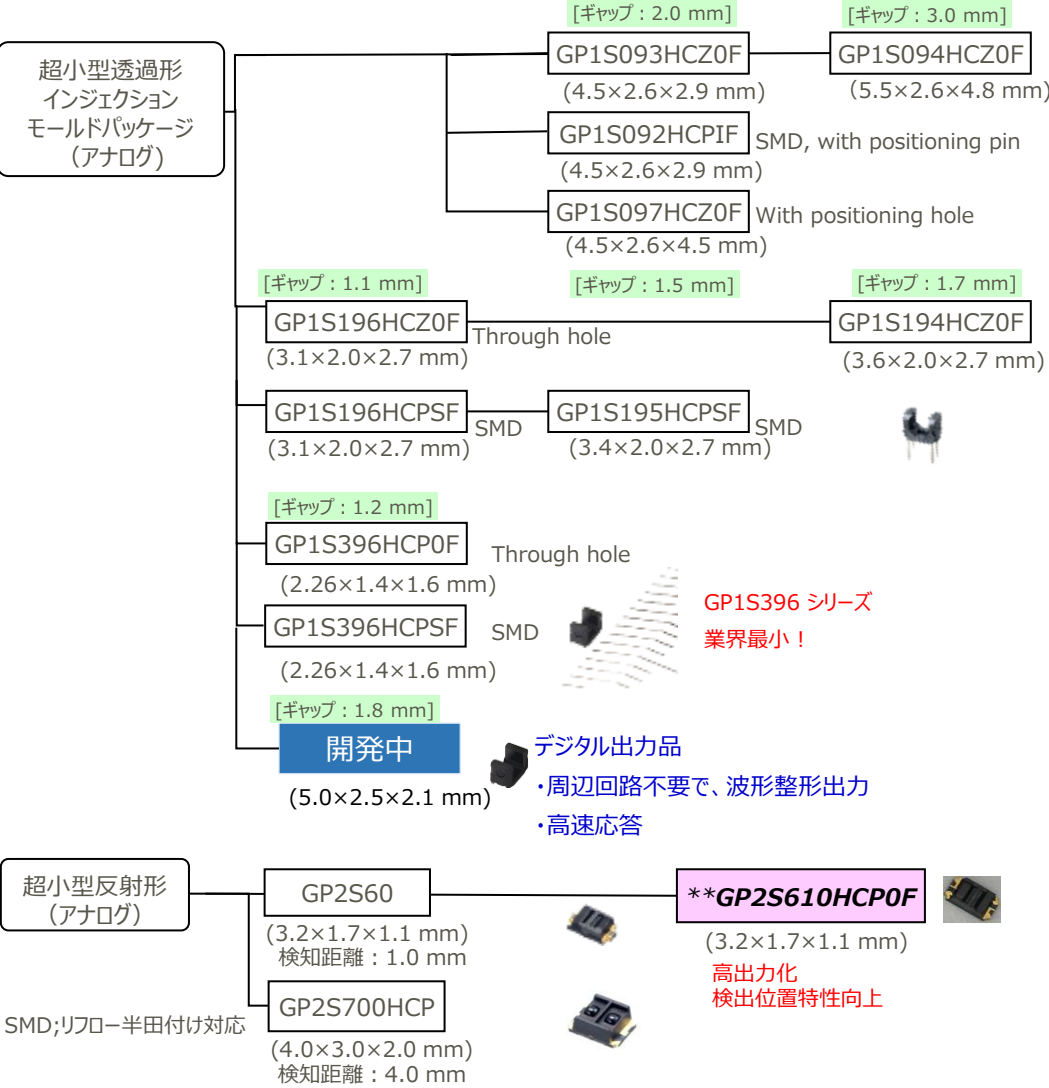
■透過形、コネクタ付き



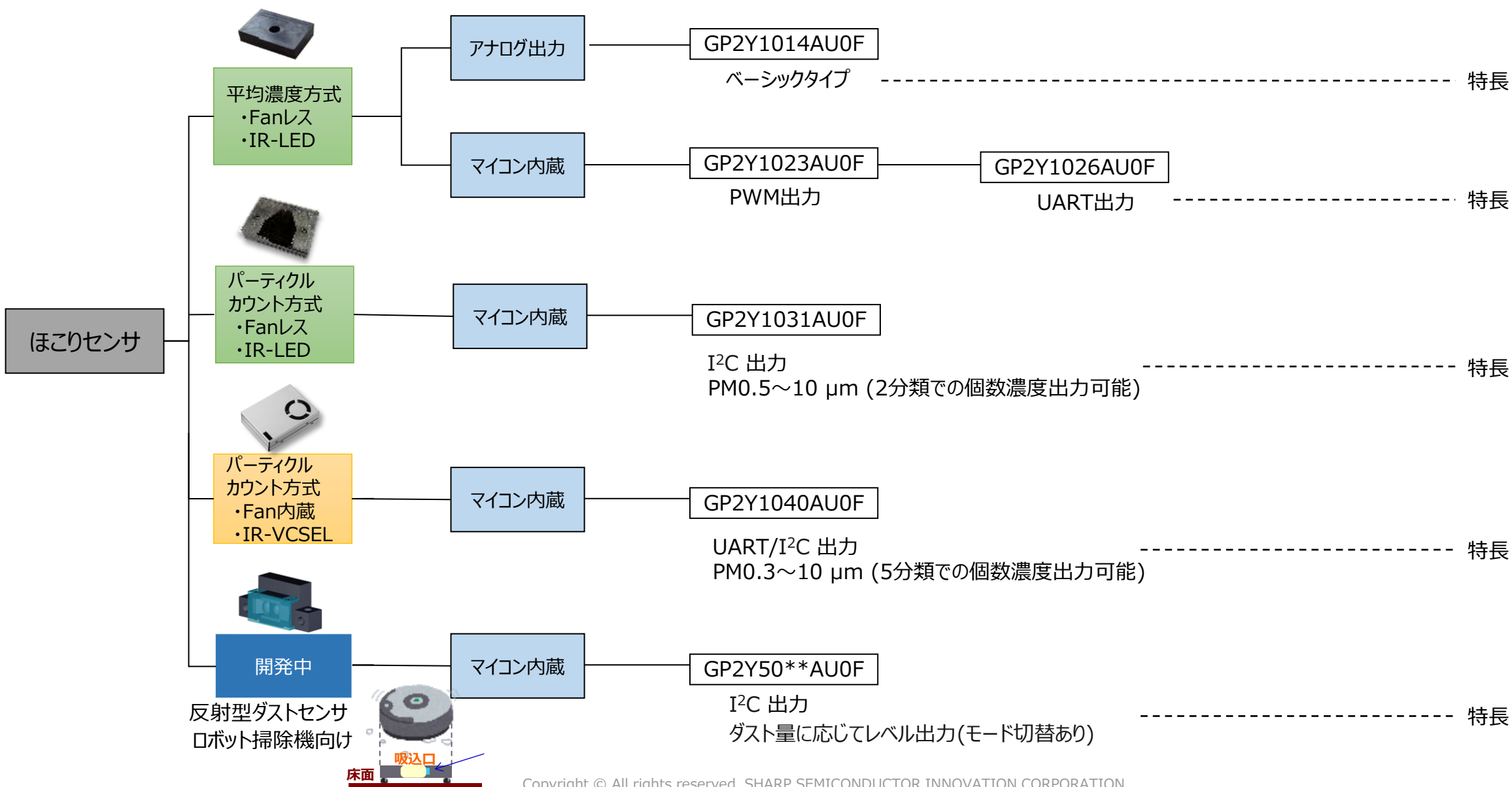
■反射形、光変調方式、コネクタ付き



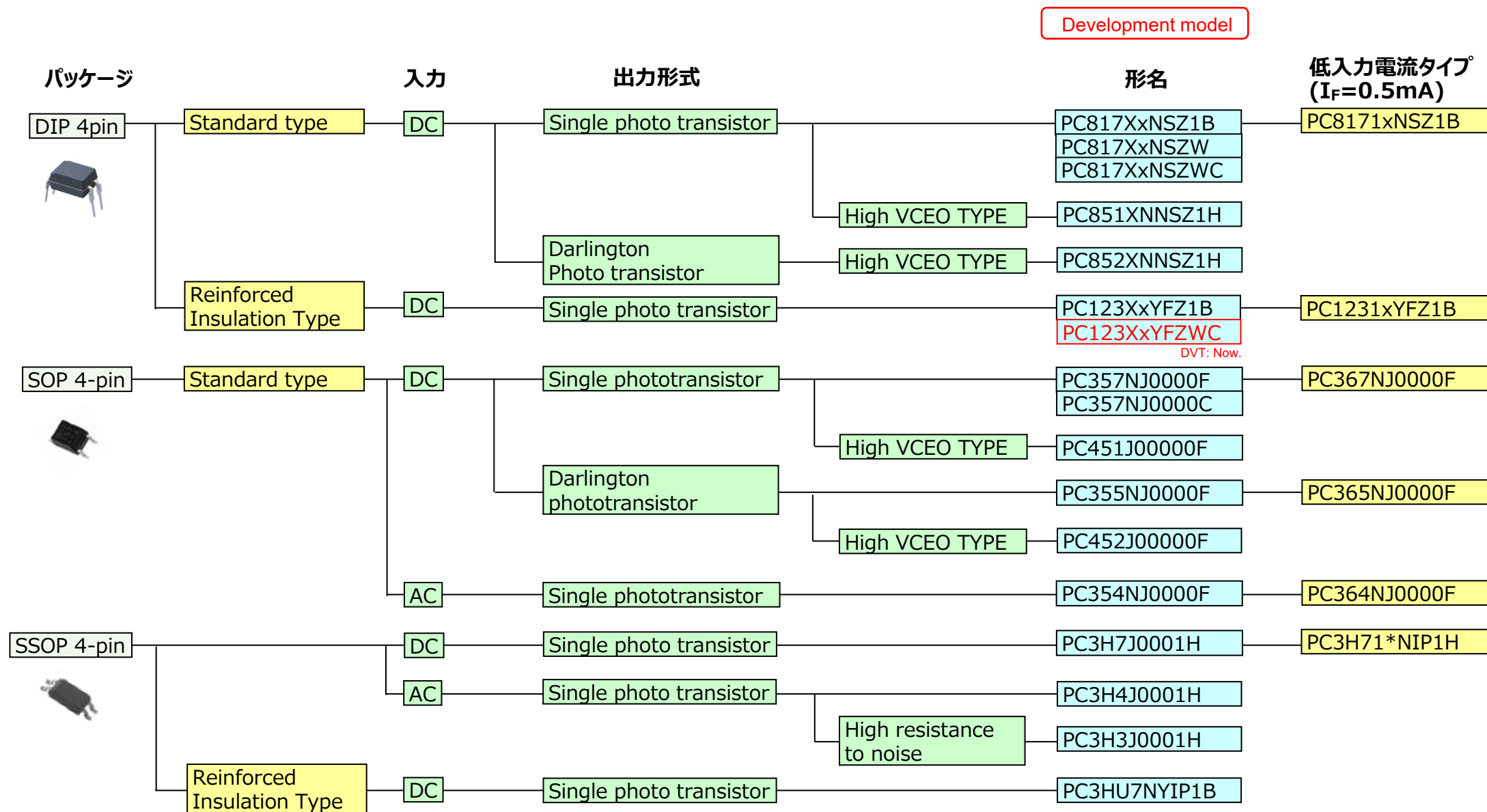
■超小型パッケージ



5. ほこりセンサ

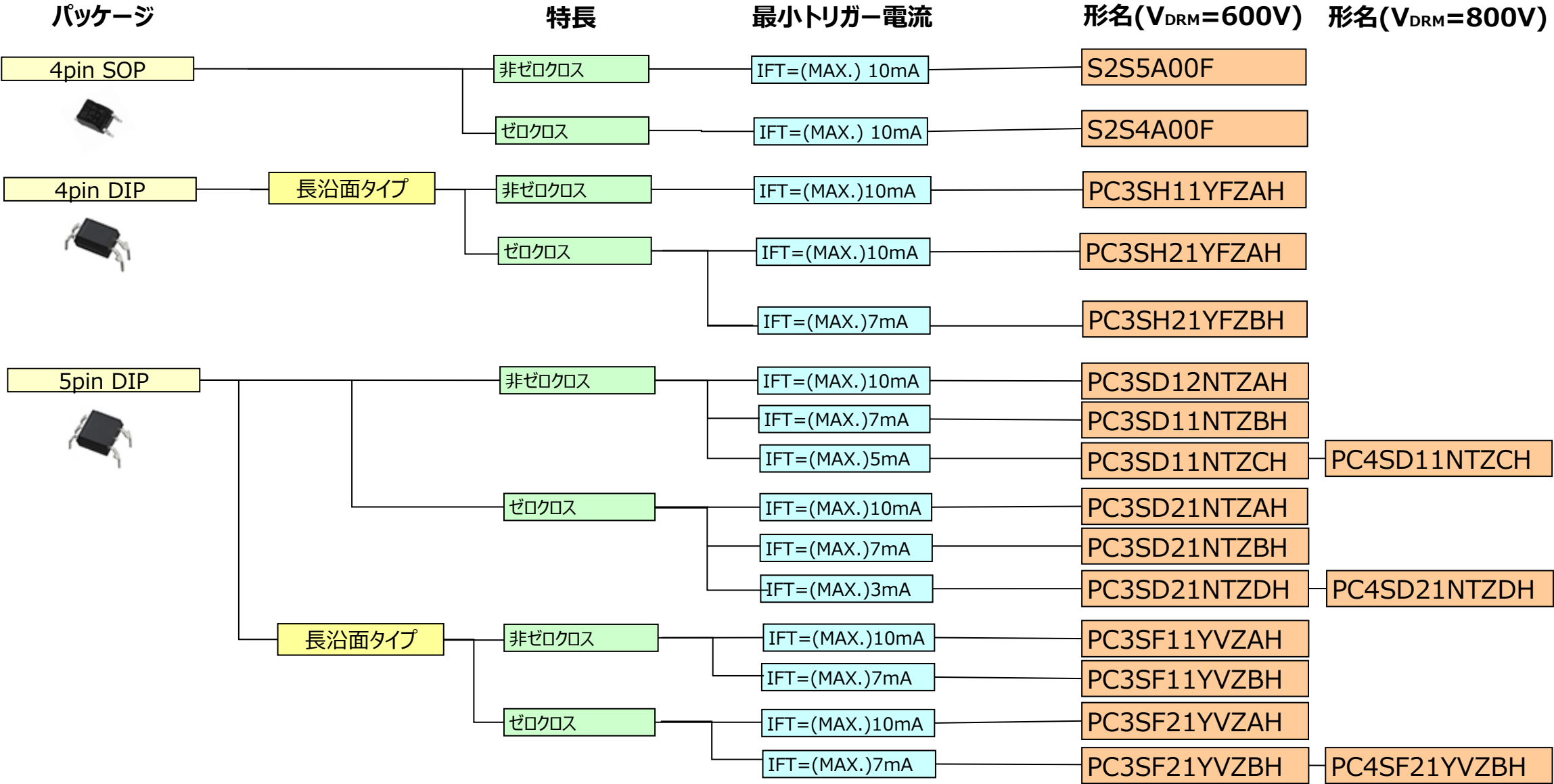


6. トランジスタ出力タイプフォトカプラ

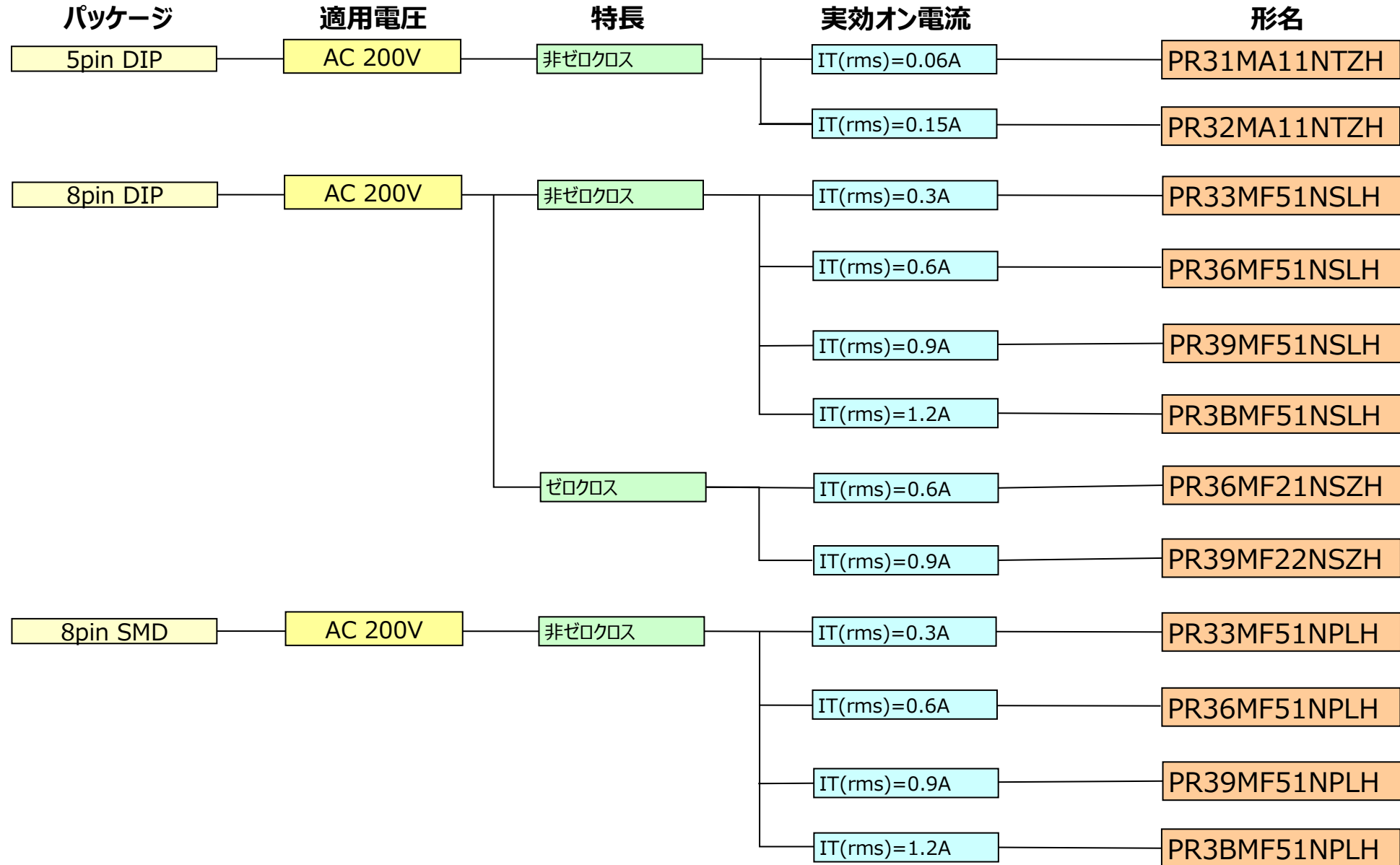


※ Sample providing schedule, etc. are subject to change.

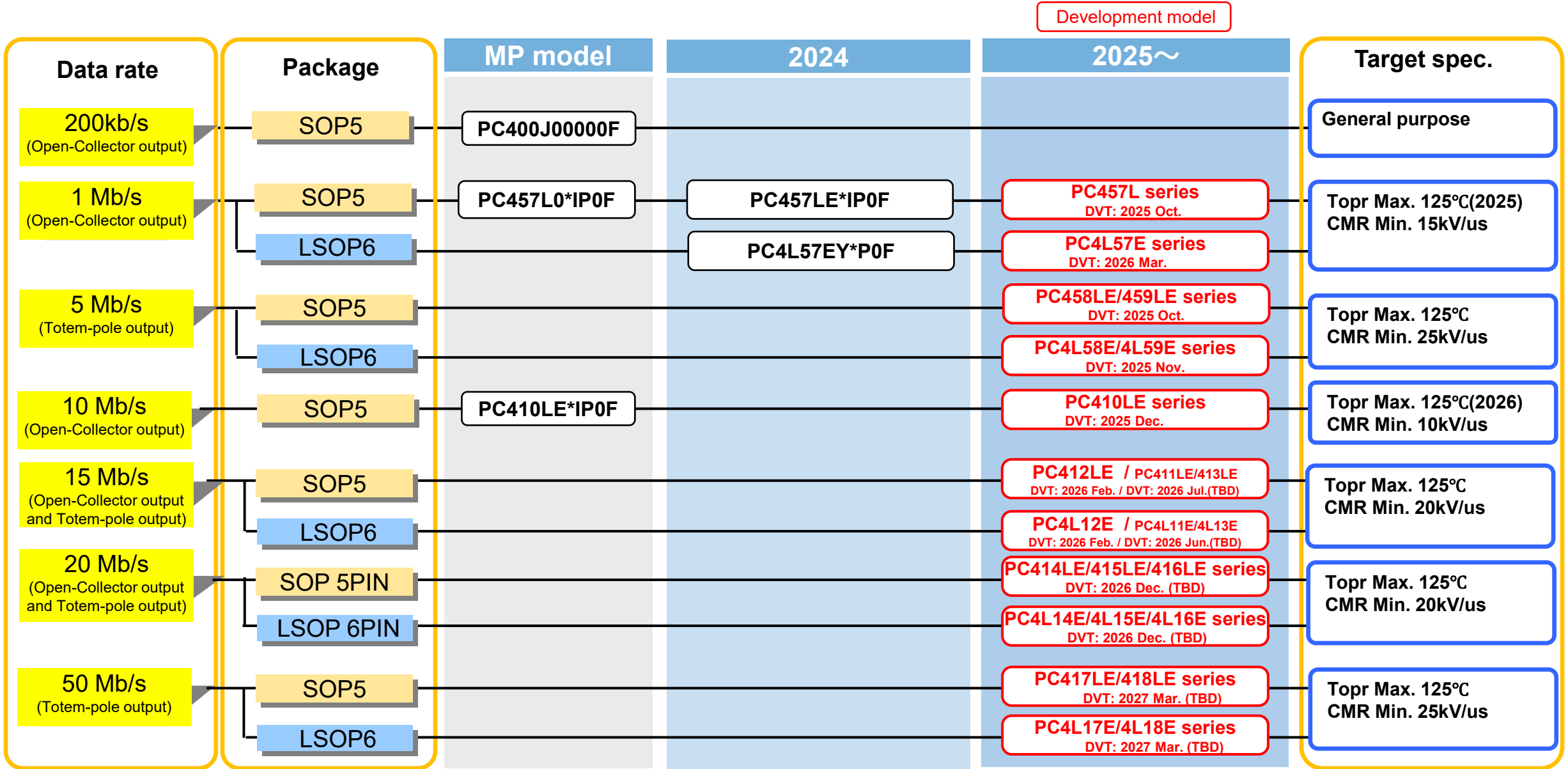
7. フォトリアクションカプラ



8. SSR



9. 高速タイプフォトカプラ



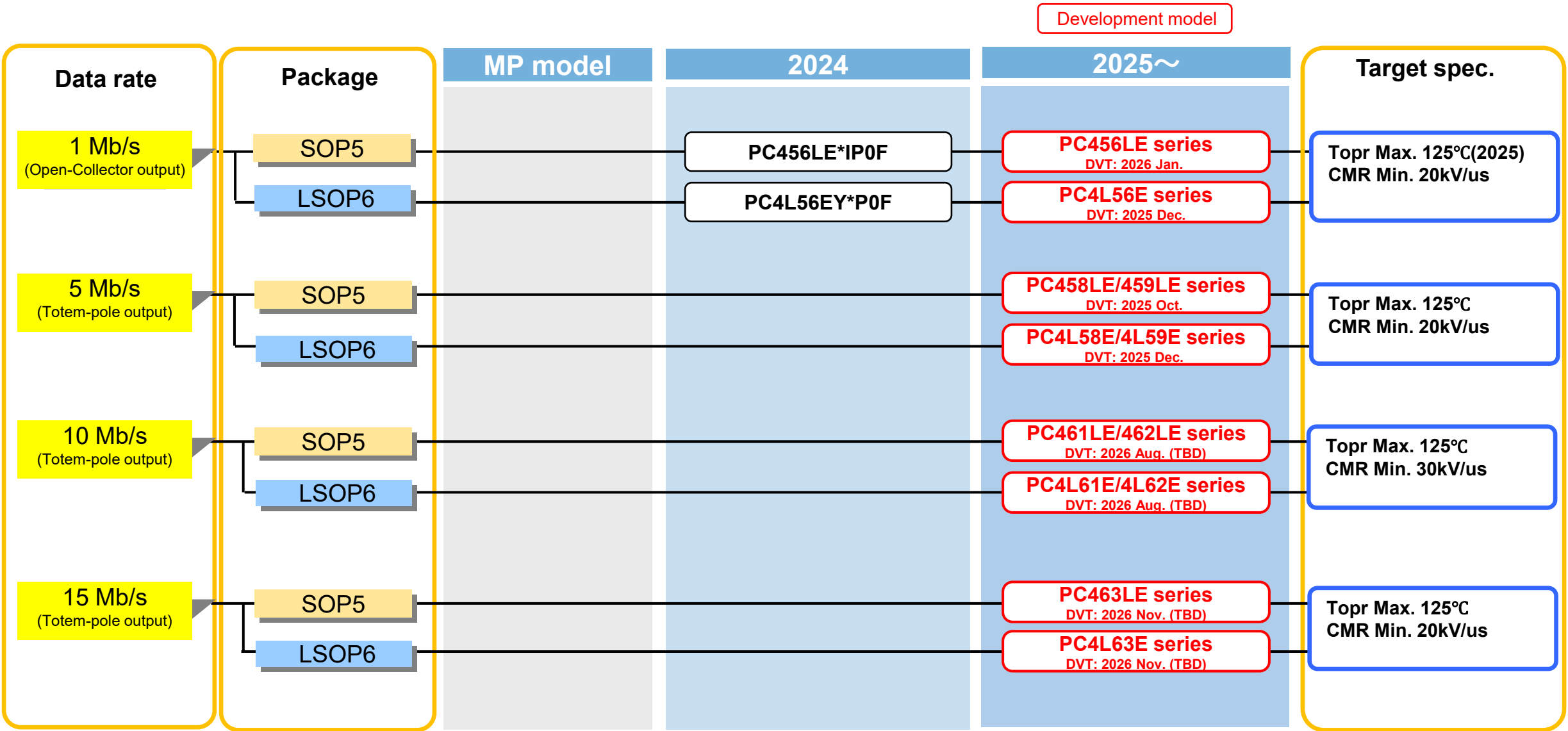
※ Specs., sample providing schedule,etc. are subject to change.

10. MOS-FET / IGBT 駆動フォトカプラ

				Development model	Target spec.
Peak output current	Package	MP model	2024	2025~	
~0.6A (Totem-pole output)	SOP5			PC422LE series DVT: 2026 Sep. (TBD)	Topr Max. 110°C(SOP5) Topr Max. 125°C (LSOP6/DIP8) CMR Min. 20kV/us
	LSOP6			PC4L22E series DVT: 2026 Sep. (TBD)	
	DIP8			PC922LE series DVT: 2026 Dec. (TBD)	
~1.5A (Totem-pole output)	SOP5			PC423LE series DVT: 2026 Jan.	Topr Max. 110°C(SOP5) Topr Max. 125°C (LSOP6/DIP8) CMR Min. 20kV/us(SOP5/DIP8) 35kV/us(LSOP6)
	LSOP6	PC4L23****0F		PC4L23E series DVT: 2026 Jan.	
	DIP8	PC923LR***0F		PC923LR series DVT: 2026.Mar.	
~2.5A (Totem-pole output)	SOP5			PC425LE series DVT: 2025.Dec.	Topr Max. 110°C(SOP5) Topr Max. 125°C (LSOP6/DIP8) CMR Min. 20kV/us(SOP5/DIP8) 35kV/us(LSOP6)
	LSOP6	PC4L25****0F		PC4L25E series DVT: 2025 Nov.	
	DIP8	PC925LE***0F		PC925LE series DVT: 2026.Mar.	
~4.0A (Totem-pole output)	LSOP6			PC4L26E series DVT: 2025 Nov.	Topr Max. 125°C CMR Min. 35kV/us(LSOP6) 20kV/us(DIP8)
	DIP8			PC926LE series DVT: 2026 Mar.	
~6.0A (Totem-pole output)	DIP8			PC927LE series DVT: 2026 Oct. (TBD)	Topr Max. 125°C CMR Min. 20kV/us

※ Specs., sample providing schedule,etc. are subject to change.

11. IPM 駆動フォトカプラ



※ Specs., sample providing schedule,etc. are subject to change.