



PN Type

光電子では、各種フォトダイオードアレイチップパターンを取り揃えるとともに、スズ引線、ビニール被覆線のリード出しや、プリント基板、セラミック基板などへマウントした状態で納入することができます。

さらに、任意の受光面形状のチップを作成する事もできます。

We offer various types of photodiode chips, which can also be delivered with Sn-coated, Cu-wires or vinyl-covered lead wires attached. They can also be assembled P.C.B. or ceramic substrates.

Custom-designed photodiode chips can also be provided.

用途 APPLICATIONS

- ハイブリッドIC
- エンコーダ
- 各種光電スイッチ

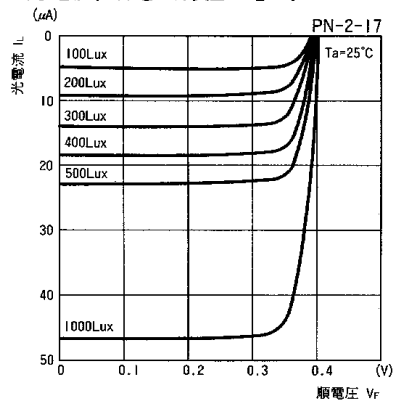
- Hybrid ICs
- Encoders
- Optical switches

電気的光学的特性 ELECTRO-OPTICAL CHARACTERISTICS

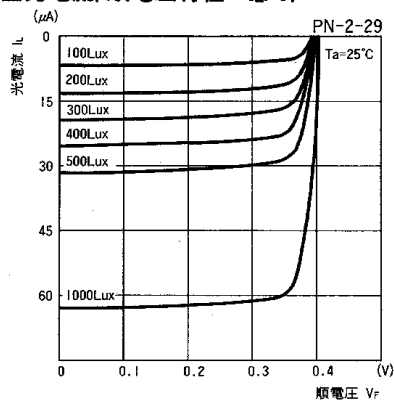
型 名 Type. No.	V_{oc} (V)	I_{sc} (μ A)	E_v (Lux)	λ_p (nm)	λ (nm)	エレメント数 Elements(n)
	Typ.	Typ.		Typ.	Typ.	
PN-2-17	0.41	46	1,000	900	420~1,100	2
PN-2-27Y	0.41	86	1,000	900	420~1,100	2
PN-2-29	0.41	63	1,000	900	420~1,100	2
PN-2-113	0.41	1,300	1,000	900	420~1,100	2
PN-2-254	0.41	52	1,000	900	420~1,100	2
PN-4-17	0.41	46	1,000	900	420~1,100	4
PN-9-254	0.41	52	1,000	900	420~1,100	9
PN-11-119	0.41	23	1,000	900	420~1,100	11
PN-20-1W	0.41	23	1,000	900	420~1,100	20
PN-24-1	0.41	23	1,000	900	420~1,100	24
PN-35-1	0.41	23	1,000	900	420~1,100	35
PN-4RA	0.41	(1)22 (2)34 (3)37	1,000	900	420~1,100	4
PN-4-9R	0.41	(1)36 (2)30 (3)13	1,000	900	420~1,100	4
PN-4-12R	0.41	25	1,000	900	420~1,100	4
PN-6-10R	0.41	(1)25 (2)22 (3)26	1,000	900	420~1,100	6

PN-2-17 Dimensions: $6.0^{+0.15}_{-0.05}$, 0.25, 1.2, 4.3, 0.25, 0.25, 1.7, 0.5, 1.2, 1.2, 0.15, $3.4^{+0.15}_{-0.05}$. Labels: Electrode, SiO₂, Active area.	PN-2-27Y Dimensions: $13.4^{+0.15}_{-0.05}$, 1.05, 0.6, 5.05, 0.1, 5.05, 0.61, 0.05, 2.2, $2.7^{+0.15}_{-0.05}$, 0.25. Labels: Active area, Electrode, SiO₂.	PN-2-29 Dimensions: $5.8^{+0.15}_{-0.05}$, 0.25, 2.4, 0.5, 2.4, 2.9, 0.25, 0.25, 0.5, 3.1, $4.1^{+0.15}_{-0.05}$, 0.25. Labels: Active area, Electrode, SiO₂.
PN-2-113 Dimensions: $22.6^{+0.15}_{-0.05}$, 0.25, 0.7, 10.1, 0.5, 10.1, 0.7, 0.25, 19.5, $22.0^{+0.15}_{-0.05}$, 0.25. Labels: Active area, Electrode, SiO₂.	PN-2-254 Dimensions: $5.08^{+0.15}_{-0.05}$, 0.25, 2.04, 0.5, 2.04, 2.54, 0.25, 2.9, $4.1^{+0.15}_{-0.05}$, 0.25, 0.7. Labels: Active area, Electrode, SiO₂.	PN-4-17 Dimensions: $6.8^{+0.15}_{-0.05}$, 0.25, 1.2, 0.5, 1.7, 1.7, 1.7, 0.25, 4.3, $6.0^{+0.15}_{-0.05}$, 1.2, 0.25. Labels: Active area, Electrode, SiO₂.
PN-9-254 Dimensions: $22.86^{+0.15}_{-0.05}$, 0.5, 2.04, 0.25, $2.54 \times 7 = 17.78$, 2.54, 0.25, 2.9, $4.1^{+0.15}_{-0.05}$, 0.25, 0.7. Labels: Active area, Electrode, SiO₂.	PN-11-119 Dimensions: $14.1^{+0.15}_{-0.05}$, 0.765, 1.19, $10 \times 0.67 = 12.57$, 0.765, 1.19, 0.67, 0.5, 3.6, 0.7, 0.5, $6.0^{+0.15}_{-0.05}$, 0.25. Labels: Electrode, Active area, SiO₂.	PN-20-1W Dimensions: $20.0^{+0.15}_{-0.05}$, $1 \times 18 = 18$, 1, 0.225, 3.85, $6.5^{+0.15}_{-0.05}$, 0.225, 1.1. Labels: Active area, Electrode, SiO₂.
PN-24-1 Dimensions: $24.3^{+0.15}_{-0.05}$, $1 \times 22 = 22$, 1, 0.4, 0.25, 0.25, 3.85, $5.85^{+0.15}_{-0.05}$, 1.5, 0.25. Labels: Active area, Electrode, SiO₂.	PN-35-1 Dimensions: $35.3^{+0.15}_{-0.05}$, $1 \times 33 = 33$, 1, 0.4, 0.25, 0.25, 3.85, $5.85^{+0.15}_{-0.05}$, 1.5, 0.25. Labels: Active area, Electrode, SiO₂.	PN-4RA Dimensions: $6.6^{+0.15}_{-0.05}$, 2.4, 0.2, 2.4, 1.2, 1.5, 0.9, 1.2, 0.2, 0.4, 0.2, 1.2, 1.5, 1.5, 0.4, 0.3, $5.0^{+0.15}_{-0.05}$, 0.2, 3.4, 1.4, 0.2, 3.1, 0.2. Labels: SiO₂, Active area, Electrode.
PN-4-9R Dimensions: $6^{+0.15}_{-0.05}$, 0.25, 0.75, 2, 2, 0.75, 0.25, 1.75, 1.5, 0.45, 0.2, 0.2, 0.3, 0.25, 0.2, 0.5, 0.3, 0.2, 0.7, 0.9, 1.1, 0.7, $5.05^{+0.15}_{-0.05}$, 0.3. Labels: Electrode, Active area, SiO₂.	PN-4-12R Dimensions: $7^{+0.15}_{-0.05}$, 3.5, 3.5, 0.3, 0.1, 0.1, 2.1, 2.1, 0.25, 0.25, 1.0, 0.94, 1.0, 0.16, $3.6^{+0.15}_{-0.05}$, 0.25. Labels: Electrode, Active area, SiO₂.	PN-6-10R Dimensions: $7^{+0.15}_{-0.05}$, 0.1, 0.1, 0.3, 1, 2.1, 0.1, 0.3, 2.5, 0.4, 0.1, 0.25, 0.16, 0.36, 0.2, 0.27, 0.2, $5.5^{+0.15}_{-0.05}$, 0.3, 1, 1, 0.8, 0.9, 0.8, 0.25, 0.36, 0.2, 0.27, 0.2, 0.3. Labels: Electrode, Active area, SiO₂.

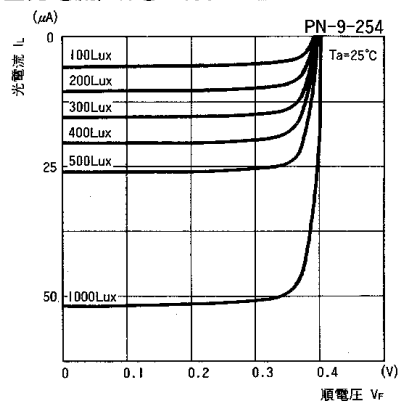
■光電流/順電圧特性 I_L/V_F



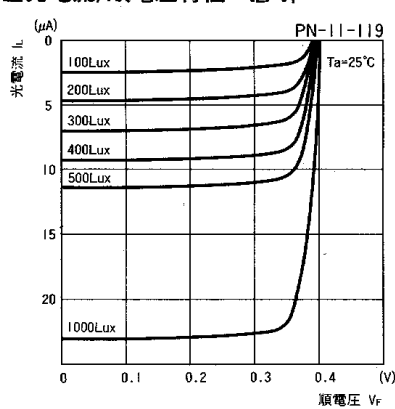
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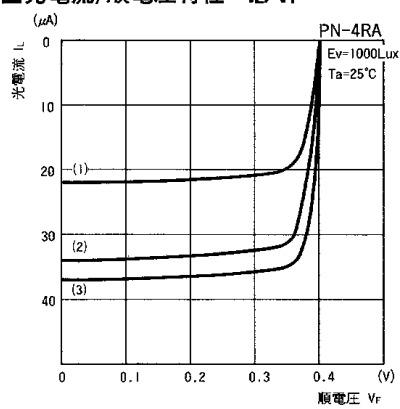
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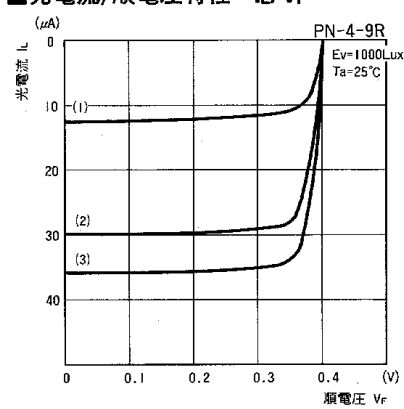
■光電流/順電圧特性 I_L/V_F



■光電流/順電圧特性 I_L/V_F



■光電流/順電圧特性 I_L/V_F



■分光感度特性

