

DISCRETE & SPECIALTY PRODUCT PORTFOLIO

◆ = Supplying Production Quantities ■ = Capability Demonstrated ● = Development Planned	Polished Wafer	Epitaxial Wafer	100 mm	125 mm	150 mm	200 mm	300 mm	Typical Applications
Epi Substrate – Antimony < 30 mΩcm	N+		◆	◆	◆	◆		Discrete & Specialty Devices
Epi Substrate – Arsenic < 3 mΩcm	N+		◆	◆	◆	◆		
Epi Substrate – Arsenic < 2.5 mΩcm	N+		◆	◆	◆	●		
Epi Substrate – Arsenic < 2 mΩcm	N+			◆	■	●		
Epi Substrate – Phosphorus < 2 mΩcm	N+		◆	◆	◆	◆		
Epi Substrate – Phosphorus < 1.5 mΩcm	N+		◆	◆	◆	◆		
Epi Substrate – Phosphorus < 1 mΩcm	N+				■	●		
Epi Substrate – Boron < 3.5 mΩcm	P+		■	■	◆	◆		
Epi Substrate – Boron < 20 mΩcm	P+		◆	◆	◆	◆		
Epi Wafer – Single Layer Products may feature specific gettering capability		N/N+ & P/P+	◆	◆	◆	◆	■	
		N/P & P/N	◆	◆	◆	◆	■	
Epi Wafer – Multiple Layers - current examples Products may feature specific gettering capability		N/N+/P+	◆	◆	◆	◆		
		N/P/P+	■	◆	◆	■		
		P/N/N+	■	◆	◆	■		
		N/N/N/N+	■	■	◆	■		
iGEM® – Antimony < 30 mΩcm – Arsenic < 3 mΩcm – Arsenic < 4 mΩcm	N+	N/N+	■	■	◆	■		
	N+	N/N+	■	■	◆	■		
	N+	N/N+	■	■	◆	◆		
Specialty Products – thick SOI	Bonded		◆	◆	◆	■		